

Accessibility - Handoff

To ensure compliance with the **EU Accessibility Act (EAA)**, the accessibility features implemented in the app were analysed and mapped against the **WCAG accessibility principles (Perceivable, Operable, Understandable, and Robust)**, which underpin the EAA's technical requirements.

The three accessibility features developed in the app: **texttospeech, high contrast mode, and zoom text**, were evaluated individually. For each feature, the relevant WCAG principles and success criteria were identified to demonstrate how the feature supports equal access for users with disabilities.

- **High contrast:** Primarily associated with the Perceivable principle, as it improves visual distinguishability of content and interface elements for users with low vision or colourvision deficiencies.

Principle	Level	Reference
1.4.3 The colour contrast between text and background is sufficient. ▪ Normal size text: 4.5:1 ▪ Large text: 3:1	AA	https://www.w3.org/WAI/WCAG22/Understanding/contrast-minimum
1.4.11 Non-text Contrast (Important visual information meets the same minimum contrast required for larger text)	AA	https://www.w3.org/WAI/WCAG22/Understanding/non-text-contrast

- **Zoom:** Mainly linked to the Perceivable principle, ensuring content remains readable and usable when text size is increased, without loss of information or functionality.

Principle	Level	Reference
1.4.4 Resize text(Ensure text can be doubled in size)	AA	https://www.w3.org/WAI/WCAG22/Understanding/resize-text
1.4.10 Reflow (Content can be enlarged without increasing line length)	AA	https://www.w3.org/WAI/WCAG22/Understanding/reflow
1.4.12 Text spacing (Users can adjust text spacing to make it easier to read)	AA	https://www.w3.org/WAI/WCAG22/Understanding/text-spacing

- **Text to speech:** Was mapped across multiple principles, as it relies not only on content being perceivable through audio, but also on correct structure, keyboard operability, clear language, and technical robustness to work effectively with assistive technologies.

Principle	Level	Reference
1.3.1 Info and Relationships(Information about content structure is available to more people.)	A	https://www.w3.org/WAI/WCAG22/Understanding/info-and-relationships#examples
1.3.2 Meaningful Sequence (Use code to preserve meaningful content order)	A	https://www.w3.org/WAI/WCAG22/Understanding/meaningful-sequence
1.3.3 Sensory Characteristics (Describe controls by name, not just by appearance or location)	A	https://www.w3.org/WAI/WCAG22/Understanding/sensory-characteristics
1.3.5 Identify Input Purpose (Use code to indicate the purpose of common inputs, where technology allows)	AA	https://www.w3.org/WAI/WCAG22/Understanding/identify-input-purpose
1.3.6 Identify Purpose (Use code to indicate the meaning of all controls and other key information, where available)	AAA	https://www.w3.org/WAI/WCAG22/Understanding/identify-purpose
2.1.1 Keyboard (Ensure pointer actions have a keyboard equivalent)	A	https://www.w3.org/WAI/WCAG22/Understanding/keyboard
2.4.1 Bypass blocks	A	https://www.w3.org/WAI/WCAG21/Understanding/bypass-blocks
2.4.2 Page titled (Each web page has a meaningful title)	A	https://www.w3.org/WAI/WCAG21/Understanding/page-titled
2.4.3 Focus order (Elements receive focus in an order that preserves meaning)	A	https://www.w3.org/WAI/WCAG21/Understanding/focus-order
2.4.4 Link pourpose (Provide descriptive names or context for all links)	A	https://www.w3.org/WAI/WCAG21/Understanding/link-purpose-in-context
2.4.6 Headings and labels(Provide descriptive headings and labels)	AA	https://www.w3.org/WAI/WCAG21/Understanding/headings-and-labels
2.4.10 Section Headings	AAA	https://www.w3.org/WAI/WCAG21/Understanding/section-headings

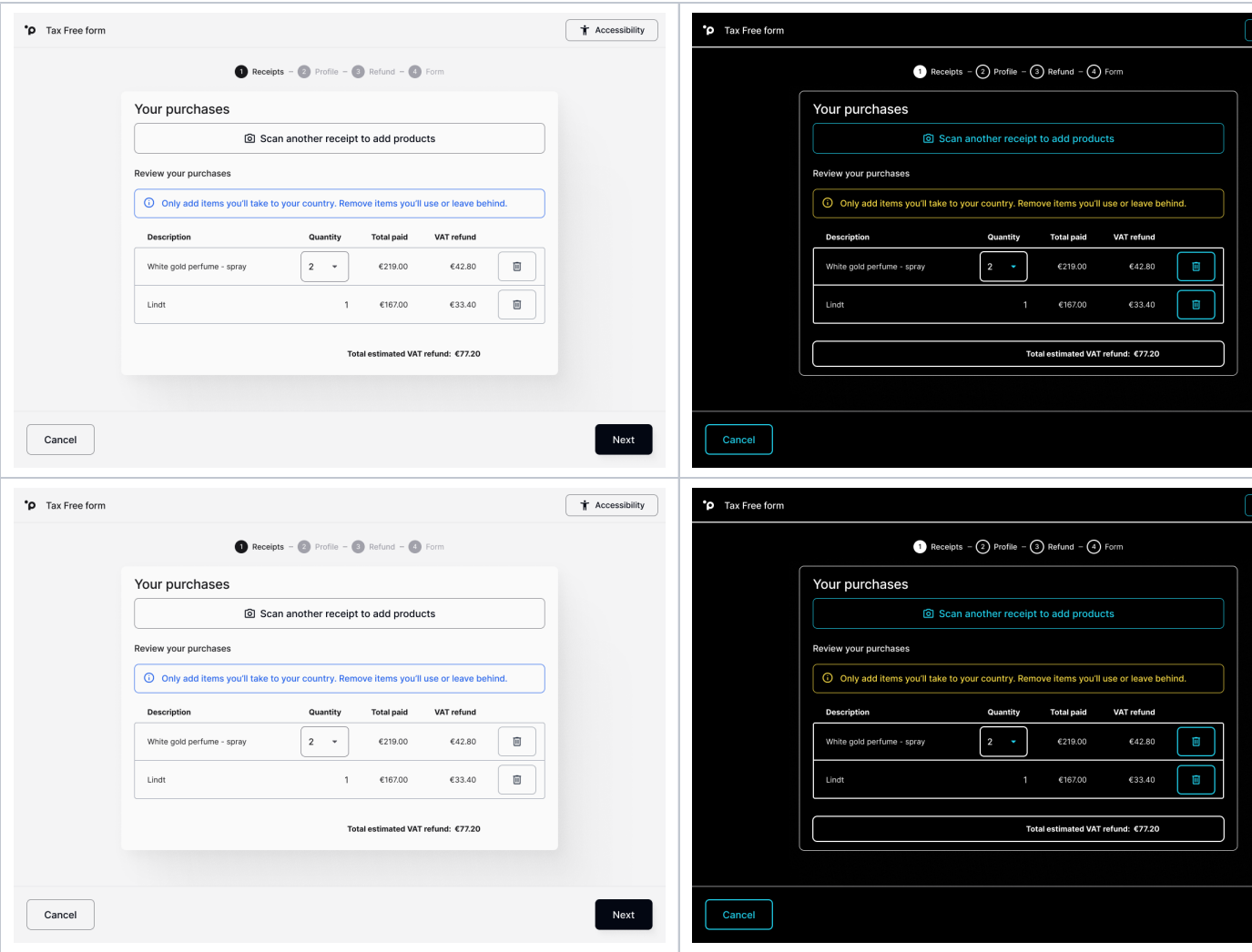
2.4.11	Focus Not Obscured	AA	https://www.w3.org/WAI/WCAG22/Understanding/focus-not-obscured-minimum
2.4.13	Focus Appearance	AAA	https://www.w3.org/WAI/WCAG22/Understanding/focus-appearance
3.1.2	Language of parts	AA	https://www.w3.org/WAI/WCAG22/Understanding/language-of-parts
4.1.3	Status messages (Let assistive technology notify users about status changes that don't take focus)	AA	https://www.w3.org/WAI/WCAG21/Understanding/status-messages

High contrast implementation for Handoff

Color light mode		Color High contrast	
Hex	Token	Hex	Token
#F4F4F5	surface/surface	#000000	black
#18181B	Mui/text/primary	#FFFFFF	white
#18181B	OnSurface/OnSurfaceHighest	#FFFFFF	white
#52525B	Mui/text/secondary	#D1D5DB	gray/300
#52525B	OnSurface/OnSurfaceLow	#22D3EE	cyan/400
#000000 38%	Mui/action/disabled	#FFFFFF	white
#000000 12%	Mui/action/disabledBackground	#FFFFFF 30%	Mui/white/focusVisible
#EEF2FF	Mui/primary/contrast	#000000	black
#030712	Mui/primary/main	#22D3EE	cyan/400
#4F46E5	Mui/primary/_state/OutlinedBorder	#22D3EE	cyan/400
#A1A1AA	OnSurface/OnSurfaceDisabled	#FFFFFF	white
#2563EB	Info/info	#FDE047	yellow/300
#E4E4E7	Outline/outlineLow	#FFFFFF	white
#71717A	Outline/outlineHigh	#FFFFFF	white
#71717A	Components/Input/Outlined/EnabledBorder	#FFFFFF	white
#FAFAFA	Surface/SurfaceContainer	#000000	black
#15803D	Success/success	#00FF00	NEW COLOR HighContrast/Success/Success
#15803D	Success/OnSuccessContainer	#00FF00	NEW COLOR HighContrast/Success/OnSuccessContainer
#B91C1C	Error/Error	#FFFFFF	white
#FEF2F2	Error/OnError	#C61212	NEW COLOR HighContrast/Error/OnError
#F0FDF4	Success/OnSuccess	#00FF00 20%	NEW COLOR HighContrast/Success/OnSuccess
#334155	Quaternary/Quaternary	#22D3EE	cyan/400
#334155 50%	Mui/Quaternary/_state/outlinedBorder	#22D3EE	cyan/400
#FAFAFA	Mui/background/paper	#000000	black
#000000	Components/Switch/SlideFill	#22D3EE	cyan/400

Example:

Default	High contrast
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Zoom text implementation for Handoff

Type	Token	100% size	150% size	200% size
Stepper	typography/subtitle2	14px	21px	28px
Card title h1	typography/h4	58px	87px	116px
Card title h4	typography/h4	32px	48px	56px
Card title h5	typography/h5	24px	36px	48px
Card title h6	typography/h6	17px	26px	34px
Card title h7	—	28px	42px	56px
Buttons	button/XL	18px	27px	36px
Card subtitle	typography/body1	16px	24px	32px
Input text	input/value medium	16px	24px	32px
Table title	typography/body2 (bold)	14px	21px	28px
Table text	typography/body3	14px	21px	28px
Text on Alert component	typography/body3	16px	24px	32px
Text on Chip component	—	13px	20px	26px

Tax Free form

Accessibility

1 Receipts

2 Profile

3 Refund

4 Form

Your purchases

Scan another receipt to add products

Review your purchases

Only add items you'll take to your country. Remove items you'll use or leave behind.

Description	Quantity	Total paid	VAT refund	
White gold perfume - spray	2	€219.00	€42.80	
Lindt	1	€167.00	€33.40	

Total estimated VAT refund: €77.20

Cancel

Next

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Your purchases

Scan another receipt to add products

Review your purchases

Adicione apenas itens que você levará para o seu país. Remova itens que você ou deixará para trás{{ponto}}

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Cancel