

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.

	Hex(C23479)	Hex(C24783)	Hex(C25B8D)	Hex(C26E97)	Hex(C282A1)	Hex(C295AB)	Hex(C2A9B5)	Hex(C2BCBF)	Hex(C2CFC9)	Hex(C2E3D3)
Hex(C23479)		Ratio: 1.11 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 3.22 AA 18pt ²	Ratio: 3.75 AA 18pt ²
Hex(C24783)	Ratio: 1.11 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 3.37 AA 18pt ²
Hex(C25B8D)	Ratio: 1.27 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 2.94 Failed ⁵
Hex(C26E97)	Ratio: 1.47 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 2.55 Failed ⁵
Hex(C282A1)	Ratio: 1.72 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.17 Failed ⁵
Hex(C295AB)	Ratio: 2.01 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.86 Failed ⁵
Hex(C2A9B5)	Ratio: 2.37 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.58 Failed ⁵
Hex(C2BCBF)	Ratio: 2.77 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.35 Failed ⁵
Hex(C2CFC9)	Ratio: 3.22 AA 18pt ²	Ratio: 2.89 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.17 Failed ⁵
Hex(C2E3D3)	Ratio: 3.75 AA 18pt ²	Ratio: 3.37 AA 18pt ²	Ratio: 2.94 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.17 Failed ⁵	

Details can be found at <https://www.w3.org/TR/WCAG20/>.

¹ AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

² AA 18pt

AA level for large text above 18pt.

³ AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

⁴ AAA 18pt

AAA level for large text above 18pt.

⁵ Failed

Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

⁶ Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

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