

Converting Colors - WCAG Matrix

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

	Hex(DE006F)	Hex(DE167A)	Hex(DE2C85)	Hex(DE4390)	Hex(DE599B)	Hex(DE6FA7)	Hex(DE85B2)	Hex(DE9BBD)	Hex(DEB2C8)	Hex(DEC8D3)
Hex(DE006F)		Ratio: 1.04 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 3.07 AA 18pt ²
Hex(DE167A)	Ratio: 1.04 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 2.96 Failed ⁵
Hex(DE2C85)	Ratio: 1.11 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 2.77 Failed ⁵
Hex(DE4390)	Ratio: 1.23 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 2.51 Failed ⁵
Hex(DE599B)	Ratio: 1.39 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.22 Failed ⁵
Hex(DE6FA7)	Ratio: 1.60 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.92 Failed ⁵
Hex(DE85B2)	Ratio: 1.87 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.64 Failed ⁵
Hex(DE9BBD)	Ratio: 2.20 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.40 Failed ⁵
Hex(DEB2C8)	Ratio: 2.61 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.18 Failed ⁵
Hex(DEC8D3)	Ratio: 3.07 AA 18pt ²	Ratio: 2.96 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.18 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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