

Converting Colors - WCAG Matrix

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

	Hex(EDDBDD)	Hex(EDC3C8)	Hex(EDACB3)	Hex(ED949E)	Hex(ED7C89)	Hex(ED6474)	Hex(ED4D5F)	Hex(ED354A)	Hex(ED1D34)	Hex(ED061F)
Hex(EDDBDD)		Ratio: 1.19 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 3.03 AA 18pt ²	Ratio: 3.27 AA 18pt ²	Ratio: 3.40 AA 18pt ²
Hex(EDC3C8)	Ratio: 1.19 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 2.85 Failed ⁵
Hex(EDACB3)	Ratio: 1.41 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 2.40 Failed ⁵
Hex(ED949E)	Ratio: 1.69 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.01 Failed ⁵
Hex(ED7C89)	Ratio: 2.01 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.69 Failed ⁵
Hex(ED6474)	Ratio: 2.36 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.44 Failed ⁵
Hex(ED4D5F)	Ratio: 2.71 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.25 Failed ⁵
Hex(ED354A)	Ratio: 3.03 AA 18pt ²	Ratio: 2.54 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.12 Failed ⁵
Hex(ED1D34)	Ratio: 3.27 AA 18pt ²	Ratio: 2.74 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.04 Failed ⁵
Hex(ED061F)	Ratio: 3.40 AA 18pt ²	Ratio: 2.85 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.04 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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