

Converting Colors - WCAG Matrix

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

	Hex(CE0029)	Hex(CE153A)	Hex(CE294A)	Hex(CE3E5B)	Hex(CE526B)	Hex(CE677C)	Hex(CE7C8C)	Hex(CE909D)	Hex(CEA5AD)	Hex(CEB9BE)
Hex(CE0029)		Ratio: 1.04 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 3.09 AA 18pt ²
Hex(CE153A)	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: 1.82 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 2.98 Failed ⁵
Hex(CE294A)	Ratio: 1.11 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 2.80 Failed ⁵
Hex(CE3E5B)	Ratio: 1.22 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.53 Failed ⁵
Hex(CE526B)	Ratio: 1.38 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.24 Failed ⁵
Hex(CE677C)	Ratio: 1.60 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.93 Failed ⁵
Hex(CE7C8C)	Ratio: 1.88 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.64 Failed ⁵
Hex(CE909D)	Ratio: 2.22 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.40 Failed ⁵
Hex(CEA5AD)	Ratio: 2.63 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.18 Failed ⁵
Hex(CEB9BE)	Ratio: 3.09 AA 18pt ²	Ratio: 2.98 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 1.93 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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