

Converting Colors - WCAG Matrix

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

	Hex(C6A1A5)	Hex(C68D93)	Hex(C67982)	Hex(C66670)	Hex(C6525E)	Hex(C63E4D)	Hex(C62A3B)	Hex(C61629)	Hex(C60318)	Hex(C60015)
Hex(C6A1A5)		Ratio: 1.18 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 2.65 Failed ⁵
Hex(C68D93)	Ratio: 1.18 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 2.24 Failed ⁵
Hex(C67982)	Ratio: 1.40 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.89 Failed ⁵
Hex(C66670)	Ratio: 1.63 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.62 Failed ⁵
Hex(C6525E)	Ratio: 1.90 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.40 Failed ⁵
Hex(C63E4D)	Ratio: 2.15 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.23 Failed ⁵
Hex(C62A3B)	Ratio: 2.38 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.11 Failed ⁵
Hex(C61629)	Ratio: 2.55 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.04 Failed ⁵
Hex(C60318)	Ratio: 2.64 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.00 Failed ⁵
Hex(C60015)	Ratio: 2.65 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.00 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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