

Converting Colors - WCAG Matrix

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

	Hex(5F8DC2)	Hex(7298C2)	Hex(86A2C2)	Hex(99ACC2)	Hex(ACB7C2)	Hex(C0C1C2)	Hex(D3CBC2)	Hex(E7D5C2)	Hex(FAE0C2)	Hex(FFEAC2)
Hex(5F8DC2)		Ratio: 1.15 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 2.93 Failed ⁵
Hex(7298C2)	Ratio: 1.15 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 2.55 Failed ⁵
Hex(86A2C2)	Ratio: 1.31 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.24 Failed ⁵
Hex(99ACC2)	Ratio: 1.49 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.97 Failed ⁵
Hex(ACB7C2)	Ratio: 1.70 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.73 Failed ⁵
Hex(C0C1C2)	Ratio: 1.92 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.53 Failed ⁵
Hex(D3CBC2)	Ratio: 2.15 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.36 Failed ⁵
Hex(E7D5C2)	Ratio: 2.42 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.21 Failed ⁵
Hex(FAE0C2)	Ratio: 2.72 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.08 Failed ⁵
Hex(FFEAC2)	Ratio: 2.93 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.08 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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