

Converting Colors - WCAG Matrix

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

	Hex(677C94)	Hex(768494)	Hex(848C94)	Hex(939394)	Hex(A29B94)	Hex(B1A394)	Hex(BFAB94)	Hex(CEB394)	Hex(DDBA94)	Hex(ECC294)
Hex(677C94)		Ratio: 1.13 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 2.60 Failed ⁵
Hex(768494)	Ratio: 1.13 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 2.31 Failed ⁵
Hex(848C94)	Ratio: 1.26 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.06 Failed ⁵
Hex(939394)	Ratio: 1.40 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.86 Failed ⁵
Hex(A29B94)	Ratio: 1.57 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.66 Failed ⁵
Hex(B1A394)	Ratio: 1.75 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.49 Failed ⁵
Hex(BFAB94)	Ratio: 1.94 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.34 Failed ⁵
Hex(CEB394)	Ratio: 2.15 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.21 Failed ⁵
Hex(DDBA94)	Ratio: 2.36 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.10 Failed ⁵
Hex(ECC294)	Ratio: 2.60 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.10 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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