

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.										
	Hex(AE9187)	Hex(AE9E98)	Hex(AEABAA)	Hex(AEB8BB)	Hex(AEC5CD)	Hex(AED2DE)	Hex(AEDFEF)	Hex(AEECFE)	Hex(AEF9FF)	Hex(AEFFFF)
Hex(AE9187)		Ratio: 1.13 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 2.58 Failed ⁵
Hex(AE9E98)	Ratio: 1.13 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 2.28 Failed ⁵
Hex(AEABAA)	Ratio: 1.28 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.01 Failed ⁵
Hex(AEB8BB)	Ratio: 1.44 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.79 Failed ⁵
Hex(AEC5CD)	Ratio: 1.62 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.59 Failed ⁵
Hex(AED2DE)	Ratio: 1.82 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.42 Failed ⁵
Hex(AEDFEF)	Ratio: 2.03 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.27 Failed ⁵
Hex(AEECFE)	Ratio: 2.26 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.14 Failed ⁵
Hex(AEF9FF)	Ratio: 2.47 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.04 Failed ⁵
Hex(AEFFFF)	Ratio: 2.58 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.14 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.