

Converting Colors - WCAG Matrix

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

	Hex(8F9AAE)	Hex(A0A5AE)	Hex(B1B0AE)	Hex(C3BBAE)	Hex(D4C6AE)	Hex(E6D1AE)	Hex(F7DCAE)	Hex(FFE7AE)	Hex(FFF2AE)	Hex(FFFEAE)
Hex(8F9AAE)		Ratio: 1.15 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 2.71 Failed ⁵
Hex(A0A5AE)	Ratio: 1.15 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 2.36 Failed ⁵
Hex(B1B0AE)	Ratio: 1.31 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.07 Failed ⁵
Hex(C3BBAE)	Ratio: 1.49 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.82 Failed ⁵
Hex(D4C6AE)	Ratio: 1.69 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.60 Failed ⁵
Hex(E6D1AE)	Ratio: 1.90 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.42 Failed ⁵
Hex(F7DCAE)	Ratio: 2.14 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.27 Failed ⁵
Hex(FFE7AE)	Ratio: 2.34 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.16 Failed ⁵
Hex(FFF2AE)	Ratio: 2.51 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.08 Failed ⁵
Hex(FFFEAE)	Ratio: 2.71 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.16 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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