

Converting Colors - WCAG Matrix

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

	Hex(A49992)	Hex(A48F82)	Hex(A48571)	Hex(A47B61)	Hex(A47150)	Hex(A46740)	Hex(A45D30)	Hex(A4531F)	Hex(A4490F)	Hex(A44000)
Hex(A49992)		Ratio: 1.11 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 2.28 Failed ⁵
Hex(A48F82)	Ratio: 1.11 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.06 Failed ⁵
Hex(A48571)	Ratio: 1.22 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.86 Failed ⁵
Hex(A47B61)	Ratio: 1.35 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.69 Failed ⁵
Hex(A47150)	Ratio: 1.49 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.53 Failed ⁵
Hex(A46740)	Ratio: 1.64 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.39 Failed ⁵
Hex(A45D30)	Ratio: 1.80 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.26 Failed ⁵
Hex(A4531F)	Ratio: 1.97 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.16 Failed ⁵
Hex(A4490F)	Ratio: 2.13 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.07 Failed ⁵
Hex(A44000)	Ratio: 2.28 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.07 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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