

Converting Colors - WCAG Matrix

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

	Hex(A69292)	Hex(A68181)	Hex(A67171)	Hex(A66060)	Hex(A65050)	Hex(A63F3F)	Hex(A62E2E)	Hex(A61E1E)	Hex(A60D0D)	Hex(A60000)
Hex(A69292)		Ratio: 1.18 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 2.73 Failed ⁵
Hex(A68181)	Ratio: 1.18 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 2.32 Failed ⁵
Hex(A67171)	Ratio: 1.37 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.99 Failed ⁵
Hex(A66060)	Ratio: 1.60 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.70 Failed ⁵
Hex(A65050)	Ratio: 1.84 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.48 Failed ⁵
Hex(A63F3F)	Ratio: 2.10 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.30 Failed ⁵
Hex(A62E2E)	Ratio: 2.34 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.16 Failed ⁵
Hex(A61E1E)	Ratio: 2.53 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.08 Failed ⁵
Hex(A60D0D)	Ratio: 2.66 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(A60000)	Ratio: 2.73 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.02 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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