

Converting Colors - WCAG Matrix

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

Hex(A191A1) Hex(D1CBD1) Hex(9191A1) Hex(696469) Hex(E8E8E8) Hex(696969)

	Hex(A191A1)	Hex(D1CBD1)	Hex(9191A1)	Hex(696469)	Hex(E8E8E8)	Hex(696969)
Hex(A191A1)		Ratio: 1.86 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 1.85 Failed ⁵
Hex(D1CBD1)	Ratio: 1.86 Failed ⁵		Ratio: 1.95 Failed ⁵	Ratio: 3.63 AA 18pt ²	Ratio: 1.30 Failed ⁵	Ratio: 3.44 AA 18pt ²
Hex(9191A1)	Ratio: 1.05 Failed ⁵	Ratio: 1.95 Failed ⁵		Ratio: 1.87 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 1.77 Failed ⁵
Hex(696469)	Ratio: 1.95 Failed ⁵	Ratio: 3.63 AA 18pt ²	Ratio: 1.87 Failed ⁵		Ratio: 4.72 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(E8E8E8)	Ratio: 2.42 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 4.72 AA ¹ AAA 18pt ⁴		Ratio: 4.48 AA 18pt ²
Hex(696969)	Ratio: 1.85 Failed ⁵	Ratio: 3.44 AA 18pt ²	Ratio: 1.77 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 4.48 AA 18pt ²	

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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