

Converting Colors - WCAG Matrix

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

Hex(366958) Hex(758A83) Hex(476936) Hex(384541) Hex(C4C4C4) Hex(454545)

	Hex(366958)	Hex(758A83)	Hex(476936)	Hex(384541)	Hex(C4C4C4)	Hex(454545)
Hex(366958)		Ratio: 1.72 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 3.63 AA 18pt ²	Ratio: 1.52 Failed ⁵
Hex(758A83)	Ratio: 1.72 Failed ⁵		Ratio: 1.71 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 2.61 Failed ⁵
Hex(476936)	Ratio: 1.01 Failed ⁵	Ratio: 1.71 Failed ⁵		Ratio: 1.59 Failed ⁵	Ratio: 3.60 AA 18pt ²	Ratio: 1.53 Failed ⁵
Hex(384541)	Ratio: 1.58 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 1.59 Failed ⁵		Ratio: 5.74 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(C4C4C4)	Ratio: 3.63 AA 18pt ²	Ratio: 2.11 Failed ⁵	Ratio: 3.60 AA 18pt ²	Ratio: 5.74 AA ¹ AAA 18pt ⁴		Ratio: 5.50 AA ¹ AAA 18pt ⁴
Hex(454545)	Ratio: 1.52 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 5.50 AA ¹ AAA 18pt ⁴	

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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