

Converting Colors - WCAG Matrix

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

Hex(356A0F) Hex(758A66) Hex(6A430F) Hex(384530) Hex(C4C4C4) Hex(454545)

	Hex(356A0F)	Hex(758A66)	Hex(6A430F)	Hex(384530)	Hex(C4C4C4)	Hex(454545)
Hex(356A0F)		Ratio: 1.73 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 3.74 AA 18pt ²	Ratio: 1.47 Failed ⁵
Hex(758A66)	Ratio: 1.73 Failed ⁵		Ratio: 2.30 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 2.55 Failed ⁵
Hex(6A430F)	Ratio: 1.33 Failed ⁵	Ratio: 2.30 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 4.97 AA ¹ AAA 18pt ⁴	Ratio: 1.11 Failed ⁵
Hex(384530)	Ratio: 1.56 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 5.84 AA ¹ AAA 18pt ⁴	Ratio: 1.06 Failed ⁵
Hex(C4C4C4)	Ratio: 3.74 AA 18pt ²	Ratio: 2.16 Failed ⁵	Ratio: 4.97 AA ¹ AAA 18pt ⁴	Ratio: 5.84 AA ¹ AAA 18pt ⁴		Ratio: 5.50 AA ¹ AAA 18pt ⁴
Hex(454545)	Ratio: 1.47 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.06 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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