

Converting Colors - WCAG Matrix

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

Hex(675B00) Hex(87825F) Hex(67000C) Hex(45422C) Hex(C4C4C4) Hex(454545)

	Hex(675B00)	Hex(87825F)	Hex(67000C)	Hex(45422C)	Hex(C4C4C4)	Hex(454545)
Hex(675B00)		Ratio: 1.75 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 3.92 AA 18pt ²	Ratio: 1.40 Failed ⁵
Hex(87825F)	Ratio: 1.75 Failed ⁵		Ratio: 3.41 AA 18pt ²	Ratio: 2.60 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 2.46 Failed ⁵
Hex(67000C)	Ratio: 1.94 Failed ⁵	Ratio: 3.41 AA 18pt ²		Ratio: 1.31 Failed ⁵	Ratio: 7.61 Passed ⁶	Ratio: 1.38 Failed ⁵
Hex(45422C)	Ratio: 1.49 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 5.82 AA ¹ AAA 18pt ⁴	Ratio: 1.06 Failed ⁵
Hex(C4C4C4)	Ratio: 3.92 AA 18pt ²	Ratio: 2.23 Failed ⁵	Ratio: 7.61 Passed ⁶	Ratio: 5.82 AA ¹ AAA 18pt ⁴		Ratio: 5.50 AA ¹ AAA 18pt ⁴
Hex(454545)	Ratio: 1.40 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 1.38 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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