

Converting Colors - WCAG Matrix

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

Hex(525033) Hex(6B683B) Hex(455233) Hex(292925) Hex(696200) Hex(E8D900)

	Hex(525033)	Hex(6B683B)	Hex(455233)	Hex(292925)	Hex(696200)	Hex(E8D900)
Hex(525033)		Ratio: 1.44 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 5.62 AA ¹ AAA 18pt ⁴
Hex(6B683B)	Ratio: 1.44 Failed ⁵		Ratio: 1.46 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 3.91 AA 18pt ²
Hex(455233)	Ratio: 1.02 Failed ⁵	Ratio: 1.46 Failed ⁵		Ratio: 1.74 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 5.72 AA ¹ AAA 18pt ⁴
Hex(292925)	Ratio: 1.78 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 1.74 Failed ⁵		Ratio: 2.33 Failed ⁵	Ratio: 9.98 Passed ⁶
Hex(696200)	Ratio: 1.31 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 2.33 Failed ⁵		Ratio: 4.29 AA 18pt ²
Hex(E8D900)	Ratio: 5.62 AA ¹ AAA 18pt ⁴	Ratio: 3.91 AA 18pt ²	Ratio: 5.72 AA ¹ AAA 18pt ⁴	Ratio: 9.98 Passed ⁶	Ratio: 4.29 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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