

Converting Colors - WCAG Matrix

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

Hex(4E4B0A) Hex(666100) Hex(2F4E0A) Hex(262622) Hex(E6DB00)

	Hex(4E4B0A)	Hex(666100)	Hex(2F4E0A)	Hex(262622)	Hex(E6DB00)
Hex(4E4B0A)		Ratio: 1.40 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 6.21 AA ¹ AAA 18pt ⁴
Hex(666100)	Ratio: 1.40 Failed ⁵		Ratio: 1.48 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 4.43 AA 18pt ²
Hex(2F4E0A)	Ratio: 1.05 Failed ⁵	Ratio: 1.48 Failed ⁵		Ratio: 1.60 Failed ⁵	Ratio: 6.55 AA ¹ AAA 18pt ⁴
Hex(262622)	Ratio: 1.69 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 1.60 Failed ⁵		Ratio: 10.48 Passed ⁶
Hex(E6DB00)	Ratio: 6.21 AA ¹ AAA 18pt ⁴	Ratio: 4.43 AA 18pt ²	Ratio: 6.55 AA ¹ AAA 18pt ⁴	Ratio: 10.48 Passed ⁶	

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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