

Converting Colors - WCAG Matrix

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

Hex(525615) Hex(6A700A) Hex(325615) Hex(2B2B27) Hex(656B00) Hex(DCEB00)

	Hex(525615)	Hex(6A700A)	Hex(325615)	Hex(2B2B27)	Hex(656B00)	Hex(DCEB00)
Hex(525615)		Ratio: 1.46 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 5.90 AA ¹ AAA 18pt ⁴
Hex(6A700A)	Ratio: 1.46 Failed ⁵		Ratio: 1.59 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 4.05 AA 18pt ²
Hex(325615)	Ratio: 1.09 Failed ⁵	Ratio: 1.59 Failed ⁵		Ratio: 1.68 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 6.43 AA ¹ AAA 18pt ⁴
Hex(2B2B27)	Ratio: 1.83 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 1.68 Failed ⁵		Ratio: 2.47 Failed ⁵	Ratio: 10.78 Passed ⁶
Hex(656B00)	Ratio: 1.35 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 2.47 Failed ⁵		Ratio: 4.36 AA 18pt ²
Hex(DCEB00)	Ratio: 5.90 AA ¹ AAA 18pt ⁴	Ratio: 4.05 AA 18pt ²	Ratio: 6.43 AA ¹ AAA 18pt ⁴	Ratio: 10.78 Passed ⁶	Ratio: 4.36 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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