

Converting Colors - WCAG Matrix

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

Hex(E0A700) Hex(FFBE00) Hex(ACE000) Hex(706D65) Hex(B08300) Hex(302400)

	Hex(E0A700)	Hex(FFBE00)	Hex(ACE000)	Hex(706D65)	Hex(B08300)	Hex(302400)
Hex(E0A700)		Ratio: 1.30 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 7.04 Passed ⁶
Hex(FFBE00)	Ratio: 1.30 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 3.10 AA 18pt ²	Ratio: 2.07 Failed ⁵	Ratio: 9.16 Passed ⁶
Hex(ACE000)	Ratio: 1.38 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 3.30 AA 18pt ²	Ratio: 2.20 Failed ⁵	Ratio: 9.74 Passed ⁶
Hex(706D65)	Ratio: 2.39 Failed ⁵	Ratio: 3.10 AA 18pt ²	Ratio: 3.30 AA 18pt ²		Ratio: 1.50 Failed ⁵	Ratio: 2.95 Failed ⁵
Hex(B08300)	Ratio: 1.59 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 1.50 Failed ⁵		Ratio: 4.42 AA 18pt ²
Hex(302400)	Ratio: 7.04 Passed ⁶	Ratio: 9.16 Passed ⁶	Ratio: 9.74 Passed ⁶	Ratio: 2.95 Failed ⁵	Ratio: 4.42 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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