

Converting Colors - WCAG Matrix

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

Hex(49642A) Hex(588228) Hex(2C642A) Hex(31332E) Hex(3D7300) Hex(80F200)

	Hex(49642A)	Hex(588228)	Hex(2C642A)	Hex(31332E)	Hex(3D7300)	Hex(80F200)
Hex(49642A)		Ratio: 1.48 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 4.66 AA ¹ AAA 18pt ⁴
Hex(588228)	Ratio: 1.48 Failed ⁵		Ratio: 1.57 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 3.15 AA 18pt ²
Hex(2C642A)	Ratio: 1.06 Failed ⁵	Ratio: 1.57 Failed ⁵		Ratio: 1.80 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 4.93 AA ¹ AAA 18pt ⁴
Hex(31332E)	Ratio: 1.91 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 1.80 Failed ⁵		Ratio: 2.22 Failed ⁵	Ratio: 8.89 Passed ⁶
Hex(3D7300)	Ratio: 1.16 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 2.22 Failed ⁵		Ratio: 4.00 AA 18pt ²
Hex(80F200)	Ratio: 4.66 AA ¹ AAA 18pt ⁴	Ratio: 3.15 AA 18pt ²	Ratio: 4.93 AA ¹ AAA 18pt ⁴	Ratio: 8.89 Passed ⁶	Ratio: 4.00 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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