

Converting Colors - WCAG Matrix

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

	Hex(C2A544)	Hex(A58B29)	Hex(89710A)	Hex(6D5900)	Hex(534200)	Hex(382C00)	Hex(201800)	Hex(000000)
Hex(C2A544)		Ratio: 1.38 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 4.08 AA 18pt ²	Ratio: 5.73 AA ¹ AAA 18pt ⁴	Ratio: 7.35 Passed ⁶	Ratio: 8.76 Passed ⁶
Hex(A58B29)	Ratio: 1.38 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 4.14 AA 18pt ²	Ratio: 5.31 AA ¹ AAA 18pt ⁴	Ratio: 6.32 AA ¹ AAA 18pt ⁴
Hex(89710A)	Ratio: 1.98 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 3.72 AA 18pt ²	Ratio: 4.43 AA 18pt ²
Hex(6D5900)	Ratio: 2.84 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 3.08 AA 18pt ²
Hex(534200)	Ratio: 4.08 AA 18pt ²	Ratio: 2.95 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.15 Failed ⁵
Hex(382C00)	Ratio: 5.73 AA ¹ AAA 18pt ⁴	Ratio: 4.14 AA 18pt ²	Ratio: 2.90 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.53 Failed ⁵
Hex(201800)	Ratio: 7.35 Passed ⁶	Ratio: 5.31 AA ¹ AAA 18pt ⁴	Ratio: 3.72 AA 18pt ²	Ratio: 2.58 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.19 Failed ⁵
Hex(000000)	Ratio: 8.76 Passed ⁶	Ratio: 6.32 AA ¹ AAA 18pt ⁴	Ratio: 4.43 AA 18pt ²	Ratio: 3.08 AA 18pt ²	Ratio: 2.15 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.19 Failed ⁵	

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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