

Converting Colors - WCAG Matrix

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

Hex(C0B15B) Hex(FAE35C) Hex(9DC05B) Hex(615F57) Hex(A18900) Hex(211C00)

	Hex(C0B15B)	Hex(FAE35C)	Hex(9DC05B)	Hex(615F57)	Hex(A18900)	Hex(211C00)
Hex(C0B15B)		Ratio: 1.67 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 7.87 Passed ⁶
Hex(FAE35C)	Ratio: 1.67 Failed ⁵		Ratio: 1.60 Failed ⁵	Ratio: 4.94 AA ¹ AAA 18pt ⁴	Ratio: 2.66 Failed ⁵	Ratio: 13.17 Passed ⁶
Hex(9DC05B)	Ratio: 1.05 Failed ⁵	Ratio: 1.60 Failed ⁵		Ratio: 3.08 AA 18pt ²	Ratio: 1.66 Failed ⁵	Ratio: 8.23 Passed ⁶
Hex(615F57)	Ratio: 2.95 Failed ⁵	Ratio: 4.94 AA ¹ AAA 18pt ⁴	Ratio: 3.08 AA 18pt ²		Ratio: 1.86 Failed ⁵	Ratio: 2.67 Failed ⁵
Hex(A18900)	Ratio: 1.59 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.86 Failed ⁵		Ratio: 4.95 AA ¹ AAA 18pt ⁴
Hex(211C00)	Ratio: 7.87 Passed ⁶	Ratio: 13.17 Passed ⁶	Ratio: 8.23 Passed ⁶	Ratio: 2.67 Failed ⁵	Ratio: 4.95 AA ¹ AAA 18pt ⁴	

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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