

Converting Colors - WCAG Matrix

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

	Hex(575E00)	Hex(FFFFFF5)	Hex(8C9138)	Hex(A6AB52)	Hex(C2C76B)	Hex(E0E387)	Hex(FCFFA1)	Hex(FFFFBD)	Hex(FFFD9)
Hex(575E00)		Ratio: 6.94 AA ¹ AAA 18pt ⁴	Ratio: 2.07 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 3.88 AA 18pt ²	Ratio: 5.16 AA ¹ AAA 18pt ⁴	Ratio: 6.64 AA ¹ AAA 18pt ⁴	Ratio: 6.75 AA ¹ AAA 18pt ⁴	Ratio: 6.84 AA ¹ AAA 18pt ⁴
Hex(FFFFFF5)	Ratio: 6.94 AA ¹ AAA 18pt ⁴		Ratio: 3.35 AA 18pt ²	Ratio: 2.44 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(8C9138)	Ratio: 2.07 Failed ⁵	Ratio: 3.35 AA 18pt ²		Ratio: 1.38 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 3.21 AA 18pt ²	Ratio: 3.26 AA 18pt ²	Ratio: 3.30 AA 18pt ²
Hex(A6AB52)	Ratio: 2.85 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 2.40 Failed ⁵
Hex(C2C76B)	Ratio: 3.88 AA 18pt ²	Ratio: 1.79 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.76 Failed ⁵
Hex(E0E387)	Ratio: 5.16 AA ¹ AAA 18pt ⁴	Ratio: 1.35 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.33 Failed ⁵
Hex(FCFFA1)	Ratio: 6.64 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵	Ratio: 3.21 AA 18pt ²	Ratio: 2.33 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(FFFFBD)	Ratio: 6.75 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵	Ratio: 3.26 AA 18pt ²	Ratio: 2.37 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(FFFD9)	Ratio: 6.84 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵	Ratio: 3.30 AA 18pt ²	Ratio: 2.40 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.01 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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