

Converting Colors - WCAG Matrix

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

	Hex(263600)	Hex(3D4D19)	Hex(55652F)	Hex(6E7E47)	Hex(88985F)	Hex(A3B278)	Hex(BECE92)	Hex(DAEAAD)	Hex(F7FFC8)	Hex(FFFE5)
Hex(263600)		Ratio: 1.41 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 4.16 AA 18pt ²	Ratio: 5.71 AA ¹ AAA 18pt ⁴	Ratio: 7.72 Passed ⁶	Ratio: 10.16 Passed ⁶	Ratio: 12.48 Passed ⁶	Ratio: 12.85 Passed ⁶
Hex(3D4D19)	Ratio: 1.41 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 4.04 AA 18pt ²	Ratio: 5.47 AA ¹ AAA 18pt ⁴	Ratio: 7.19 Passed ⁶	Ratio: 8.84 Passed ⁶	Ratio: 9.10 Passed ⁶
Hex(55652F)	Ratio: 2.04 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 3.78 AA 18pt ²	Ratio: 4.97 AA ¹ AAA 18pt ⁴	Ratio: 6.11 AA ¹ AAA 18pt ⁴	Ratio: 6.29 AA ¹ AAA 18pt ⁴
Hex(6E7E47)	Ratio: 2.94 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 3.45 AA 18pt ²	Ratio: 4.24 AA 18pt ²	Ratio: 4.37 AA 18pt ²
Hex(88985F)	Ratio: 4.16 AA 18pt ²	Ratio: 2.95 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 3.00 AA 18pt ²	Ratio: 3.09 AA 18pt ²
Hex(A3B278)	Ratio: 5.71 AA ¹ AAA 18pt ⁴	Ratio: 4.04 AA 18pt ²	Ratio: 2.80 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 2.25 Failed ⁵
Hex(BECE92)	Ratio: 7.72 Passed ⁶	Ratio: 5.47 AA ¹ AAA 18pt ⁴	Ratio: 3.78 AA 18pt ²	Ratio: 2.62 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.66 Failed ⁵
Hex(DAEAAD)	Ratio: 10.16 Passed ⁶	Ratio: 7.19 Passed ⁶	Ratio: 4.97 AA ¹ AAA 18pt ⁴	Ratio: 3.45 AA 18pt ²	Ratio: 2.44 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.27 Failed ⁵
Hex(F7FFC8)	Ratio: 12.48 Passed ⁶	Ratio: 8.84 Passed ⁶	Ratio: 6.11 AA ¹ AAA 18pt ⁴	Ratio: 4.24 AA 18pt ²	Ratio: 3.00 AA 18pt ²	Ratio: 2.18 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.03 Failed ⁵
Hex(FFFE5)	Ratio: 12.85 Passed ⁶	Ratio: 9.10 Passed ⁶	Ratio: 6.29 AA ¹ AAA 18pt ⁴	Ratio: 4.37 AA 18pt ²	Ratio: 3.09 AA 18pt ²	Ratio: 2.25 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.03 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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