

Converting Colors - WCAG Matrix

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

	Hex(35571C)	Hex(4D7033)	Hex(66894B)	Hex(80A463)	Hex(9BBF7D)	Hex(B6DB97)	Hex(D2F7B2)	Hex(EFFFCD)	Hex(FFFEEA)	Hex(FFFFFF)
Hex(35571C)		Ratio: 1.45 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 4.01 AA 18pt ²	Ratio: 5.36 AA ¹ AAA 18pt ⁴	Ratio: 6.99 AA ¹ AAA 18pt ⁴	Ratio: 7.84 Passed ⁶	Ratio: 8.19 Passed ⁶	Ratio: 8.30 Passed ⁶
Hex(4D7033)	Ratio: 1.45 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 3.69 AA 18pt ²	Ratio: 4.81 AA ¹ AAA 18pt ⁴	Ratio: 5.39 AA ¹ AAA 18pt ⁴	Ratio: 5.64 AA ¹ AAA 18pt ⁴	Ratio: 5.70 AA ¹ AAA 18pt ⁴
Hex(66894B)	Ratio: 2.07 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 3.37 AA 18pt ²	Ratio: 3.79 AA 18pt ²	Ratio: 3.96 AA 18pt ²	Ratio: 4.00 AA 18pt ²
Hex(80A463)	Ratio: 2.93 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 2.83 Failed ⁵
Hex(9BBF7D)	Ratio: 4.01 AA 18pt ²	Ratio: 2.76 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.07 Failed ⁵
Hex(B6DB97)	Ratio: 5.36 AA ¹ AAA 18pt ⁴	Ratio: 3.69 AA 18pt ²	Ratio: 2.59 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.55 Failed ⁵
Hex(D2F7B2)	Ratio: 6.99 AA ¹ AAA 18pt ⁴	Ratio: 4.81 AA ¹ AAA 18pt ⁴	Ratio: 3.37 AA 18pt ²	Ratio: 2.39 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.19 Failed ⁵
Hex(EFFFCD)	Ratio: 7.84 Passed ⁶	Ratio: 5.39 AA ¹ AAA 18pt ⁴	Ratio: 3.79 AA 18pt ²	Ratio: 2.68 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.06 Failed ⁵
Hex(FFFEEA)	Ratio: 8.19 Passed ⁶	Ratio: 5.64 AA ¹ AAA 18pt ⁴	Ratio: 3.96 AA 18pt ²	Ratio: 2.80 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(FFFFFF)	Ratio: 8.30 Passed ⁶	Ratio: 5.70 AA ¹ AAA 18pt ⁴	Ratio: 4.00 AA 18pt ²	Ratio: 2.83 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.06 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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