

Converting Colors - WCAG Matrix

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

	Hex(0F5513)	Hex(FFFFFFD)	Hex(488842)	Hex(62A25A)	Hex(7DBD74)	Hex(98D98E)	Hex(B3F6A8)	Hex(D0FFC4)	Hex(ECFFE0)
Hex(0F5513)		Ratio: 9.00 Passed ⁶	Ratio: 2.09 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 4.04 AA 18pt ²	Ratio: 5.43 AA ¹ AAA 18pt ⁴	Ratio: 7.15 Passed ⁶	Ratio: 8.06 Passed ⁶	Ratio: 8.56 Passed ⁶
Hex(FFFFFFD)	Ratio: 9.00 Passed ⁶		Ratio: 4.30 AA 18pt ²	Ratio: 3.07 AA 18pt ²	Ratio: 2.23 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.05 Failed ⁵
Hex(488842)	Ratio: 2.09 Failed ⁵	Ratio: 4.30 AA 18pt ²		Ratio: 1.40 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 3.42 AA 18pt ²	Ratio: 3.85 AA 18pt ²	Ratio: 4.09 AA 18pt ²
Hex(62A25A)	Ratio: 2.93 Failed ⁵	Ratio: 3.07 AA 18pt ²	Ratio: 1.40 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 2.92 Failed ⁵
Hex(7DBD74)	Ratio: 4.04 AA 18pt ²	Ratio: 2.23 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.12 Failed ⁵
Hex(98D98E)	Ratio: 5.43 AA ¹ AAA 18pt ⁴	Ratio: 1.66 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.58 Failed ⁵
Hex(B3F6A8)	Ratio: 7.15 Passed ⁶	Ratio: 1.26 Failed ⁵	Ratio: 3.42 AA 18pt ²	Ratio: 2.44 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.20 Failed ⁵
Hex(D0FFC4)	Ratio: 8.06 Passed ⁶	Ratio: 1.12 Failed ⁵	Ratio: 3.85 AA 18pt ²	Ratio: 2.75 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.06 Failed ⁵
Hex(ECFFE0)	Ratio: 8.56 Passed ⁶	Ratio: 1.05 Failed ⁵	Ratio: 4.09 AA 18pt ²	Ratio: 2.92 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.06 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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