

Converting Colors - WCAG Matrix

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

	Hex(90961A)	Hex(ACB138)	Hex(C9CC53)	Hex(E6E96E)	Hex(FFFF89)	Hex(FFFA5)	Hex(FFFC1)	Hex(FFFD)	Hex(FFFFB)	Hex(FFFFF)
Hex(90961A)		Ratio: 1.39 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 3.03 AA 18pt ²	Ratio: 3.06 AA 18pt ²	Ratio: 3.10 AA 18pt ²	Ratio: 3.14 AA 18pt ²	Ratio: 3.19 AA 18pt ²	Ratio: 3.20 AA 18pt ²
Hex(ACB138)	Ratio: 1.39 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 2.31 Failed ⁵
Hex(C9CC53)	Ratio: 1.87 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.71 Failed ⁵
Hex(E6E96E)	Ratio: 2.48 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.29 Failed ⁵
Hex(FFFF89)	Ratio: 3.03 AA 18pt ²	Ratio: 2.19 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.05 Failed ⁵
Hex(FFFA5)	Ratio: 3.06 AA 18pt ²	Ratio: 2.21 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.04 Failed ⁵
Hex(FFFC1)	Ratio: 3.10 AA 18pt ²	Ratio: 2.23 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(FFFD)	Ratio: 3.14 AA 18pt ²	Ratio: 2.26 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(FFFFB)	Ratio: 3.19 AA 18pt ²	Ratio: 2.30 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.00 Failed ⁵
Hex(FFFFF)	Ratio: 3.20 AA 18pt ²	Ratio: 2.31 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.00 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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