

Converting Colors - WCAG Matrix

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

	Hex(91971A)	Hex(ADB238)	Hex(CACD53)	Hex(E7E96E)	Hex(FFFF89)	Hex(FFFA5)	Hex(FFFC1)	Hex(FFFDDE)	Hex(FFFFFB)	Hex(FFFFFF)
Hex(91971A)		Ratio: 1.38 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 3.00 AA 18pt ²	Ratio: 3.02 AA 18pt ²	Ratio: 3.06 AA 18pt ²	Ratio: 3.10 AA 18pt ²	Ratio: 3.15 AA 18pt ²	Ratio: 3.16 AA 18pt ²
Hex(ADB238)	Ratio: 1.38 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 2.28 Failed ⁵
Hex(CACD53)	Ratio: 1.86 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.70 Failed ⁵
Hex(E7E96E)	Ratio: 2.45 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.23 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: 3.00 AA 18pt ²	Ratio: 2.16 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.22 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: 3.02 AA 18pt ²	Ratio: 2.18 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.04 Failed ⁵
Hex(FFFC1)	Ratio: 3.06 AA 18pt ²	Ratio: 2.21 Failed ⁵	Ratio: 1.64 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(FFFDDE)	Ratio: 3.10 AA 18pt ²	Ratio: 2.24 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(FFFFFB)	Ratio: 3.15 AA 18pt ²	Ratio: 2.28 Failed ⁵	Ratio: 1.69 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(FFFFFF)	Ratio: 3.16 AA 18pt ²	Ratio: 2.28 Failed ⁵	Ratio: 1.70 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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