

Converting Colors - WCAG Matrix

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

	Hex(DB5D13)	Hex(FFFFFF)	Hex(FF934A)	Hex(FFAE63)	Hex(FFCA7E)	Hex(FFE799)	Hex(FFFFB4)	Hex(FFFFD0)	Hex(FFFFED)
Hex(DB5D13)		Ratio: 3.76 AA 18pt ²	Ratio: 1.70 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 3.07 AA 18pt ²	Ratio: 3.62 AA 18pt ²	Ratio: 3.66 AA 18pt ²	Ratio: 3.72 AA 18pt ²
Hex(FFFFFF)	Ratio: 3.76 AA 18pt ²		Ratio: 2.20 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(FF934A)	Ratio: 1.70 Failed ⁵	Ratio: 2.20 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.18 Failed ⁵
Hex(FFAE63)	Ratio: 2.06 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.81 Failed ⁵
Hex(FFCA7E)	Ratio: 2.51 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.48 Failed ⁵
Hex(FFE799)	Ratio: 3.07 AA 18pt ²	Ratio: 1.23 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.21 Failed ⁵
Hex(FFFFB4)	Ratio: 3.62 AA 18pt ²	Ratio: 1.04 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(FFFFD0)	Ratio: 3.66 AA 18pt ²	Ratio: 1.03 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(FFFFED)	Ratio: 3.72 AA 18pt ²	Ratio: 1.01 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.02 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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