

Converting Colors - WCAG Matrix

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

	Hex(D1862F)	Hex(FFFFFF)	Hex(FFBB63)	Hex(FFD77D)	Hex(FFF498)	Hex(FFFFB4)	Hex(FFFFD0)	Hex(FFFFED)
Hex(D1862F)		Ratio: 2.93 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 2.90 Failed ⁵
Hex(FFFFFF)	Ratio: 2.93 Failed ⁵		Ratio: 1.67 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(FFBB63)	Ratio: 1.75 Failed ⁵	Ratio: 1.67 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.66 Failed ⁵
Hex(FFD77D)	Ratio: 2.13 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.36 Failed ⁵
Hex(FFF498)	Ratio: 2.60 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.11 Failed ⁵
Hex(FFFFB4)	Ratio: 2.82 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(FFFFD0)	Ratio: 2.86 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(FFFFED)	Ratio: 2.90 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.11 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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