

Converting Colors - WCAG Matrix

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

	Hex(BD2B38)	Hex(FFFFFF)	Hex(FA6666)	Hex(FF8280)	Hex(FF9E99)	Hex(FFBAB5)	Hex(FFD6D1)	Hex(FFF5ED)
Hex(BD2B38)		Ratio: 5.89 AA ¹ AAA 18pt ⁴	Ratio: 2.01 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 3.63 AA 18pt ²	Ratio: 4.43 AA 18pt ²	Ratio: 5.48 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 5.89 AA ¹ AAA 18pt ⁴		Ratio: 2.93 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.07 Failed ⁵
Hex(FA6666)	Ratio: 2.01 Failed ⁵	Ratio: 2.93 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 2.73 Failed ⁵
Hex(FF8280)	Ratio: 2.46 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.23 Failed ⁵
Hex(FF9E99)	Ratio: 2.97 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.84 Failed ⁵
Hex(FFBAB5)	Ratio: 3.63 AA 18pt ²	Ratio: 1.62 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.51 Failed ⁵
Hex(FFD6D1)	Ratio: 4.43 AA 18pt ²	Ratio: 1.33 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.24 Failed ⁵
Hex(FFF5ED)	Ratio: 5.48 AA ¹ AAA 18pt ⁴	Ratio: 1.07 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.24 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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