

Converting Colors - WCAG Matrix

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

	Hex(F8F6F2)	Hex(F8EDD9)	Hex(F8E5C1)	Hex(F8DDA8)	Hex(F8D58F)	Hex(F8CC76)	Hex(F8C45E)	Hex(F8BC45)	Hex(F8B42C)	Hex(F8AB13)
Hex(F8F6F2)		Ratio: 1.07 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.80 Failed ⁵
Hex(F8EDD9)	Ratio: 1.07 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.67 Failed ⁵
Hex(F8E5C1)	Ratio: 1.15 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.57 Failed ⁵
Hex(F8DDA8)	Ratio: 1.22 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.47 Failed ⁵
Hex(F8D58F)	Ratio: 1.31 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.38 Failed ⁵
Hex(F8CC76)	Ratio: 1.40 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.28 Failed ⁵
Hex(F8C45E)	Ratio: 1.49 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.21 Failed ⁵
Hex(F8BC45)	Ratio: 1.59 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.13 Failed ⁵
Hex(F8B42C)	Ratio: 1.68 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.07 Failed ⁵
Hex(F8AB13)	Ratio: 1.80 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.07 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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