

Converting Colors - WCAG Matrix

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

Hex(B06348) Hex(FFFFFF) Hex(EB9679) Hex(FFB193) Hex(FFCDAE) Hex(FFE9C9) Hex(FFFE5)

	Hex(B06348)	Hex(FFFFFF)	Hex(EB9679)	Hex(FFB193)	Hex(FFCDAE)	Hex(FFE9C9)	Hex(FFFE5)
Hex(B06348)		Ratio: 4.45 AA 18pt²	Ratio: 1.94 Failed⁵	Ratio: 2.53 Failed⁵	Ratio: 3.09 AA 18pt²	Ratio: 3.76 AA 18pt²	Ratio: 4.38 AA 18pt²
Hex(FFFFFF)	Ratio: 4.45 AA 18pt²		Ratio: 2.29 Failed⁵	Ratio: 1.76 Failed⁵	Ratio: 1.44 Failed⁵	Ratio: 1.18 Failed⁵	Ratio: 1.02 Failed⁵
Hex(EB9679)	Ratio: 1.94 Failed⁵	Ratio: 2.29 Failed⁵		Ratio: 1.30 Failed⁵	Ratio: 1.59 Failed⁵	Ratio: 1.94 Failed⁵	Ratio: 2.26 Failed⁵
Hex(FFB193)	Ratio: 2.53 Failed⁵	Ratio: 1.76 Failed⁵	Ratio: 1.30 Failed⁵		Ratio: 1.22 Failed⁵	Ratio: 1.48 Failed⁵	Ratio: 1.73 Failed⁵
Hex(FFCDAE)	Ratio: 3.09 AA 18pt²	Ratio: 1.44 Failed⁵	Ratio: 1.59 Failed⁵	Ratio: 1.22 Failed⁵		Ratio: 1.22 Failed⁵	Ratio: 1.42 Failed⁵
Hex(FFE9C9)	Ratio: 3.76 AA 18pt²	Ratio: 1.18 Failed⁵	Ratio: 1.94 Failed⁵	Ratio: 1.48 Failed⁵	Ratio: 1.22 Failed⁵		Ratio: 1.17 Failed⁵
Hex(FFFE5)	Ratio: 4.38 AA 18pt²	Ratio: 1.02 Failed⁵	Ratio: 2.26 Failed⁵	Ratio: 1.73 Failed⁵	Ratio: 1.42 Failed⁵	Ratio: 1.17 Failed⁵	

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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