

Converting Colors - WCAG Matrix

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

	Hex(6A3034)	Hex(FFCED)	Hex(A06063)	Hex(BC7A7B)	Hex(D99495)	Hex(F6AFB0)	Hex(FFCAB)	Hex(FFE6E7)
Hex(6A3034)		Ratio: 8.86 Passed ⁶	Ratio: 2.09 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 4.13 AA 18pt ²	Ratio: 5.60 AA ¹ AAA 18pt ⁴	Ratio: 6.98 AA ¹ AAA 18pt ⁴	Ratio: 8.50 Passed ⁶
Hex(FFCED)	Ratio: 8.86 Passed ⁶		Ratio: 4.25 AA 18pt ²	Ratio: 2.98 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.04 Failed ⁵
Hex(A06063)	Ratio: 2.09 Failed ⁵	Ratio: 4.25 AA 18pt ²		Ratio: 1.43 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 3.35 AA 18pt ²	Ratio: 4.08 AA 18pt ²
Hex(BC7A7B)	Ratio: 2.98 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 2.86 Failed ⁵
Hex(D99495)	Ratio: 4.13 AA 18pt ²	Ratio: 2.14 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 2.06 Failed ⁵
Hex(F6AFB0)	Ratio: 5.60 AA ¹ AAA 18pt ⁴	Ratio: 1.58 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.52 Failed ⁵
Hex(FFCAB)	Ratio: 6.98 AA ¹ AAA 18pt ⁴	Ratio: 1.27 Failed ⁵	Ratio: 3.35 AA 18pt ²	Ratio: 2.35 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.22 Failed ⁵
Hex(FFE6E7)	Ratio: 8.50 Passed ⁶	Ratio: 1.04 Failed ⁵	Ratio: 4.08 AA 18pt ²	Ratio: 2.86 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.22 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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