

Converting Colors - WCAG Matrix

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

Hex(CE788E) Hex(FF809F) Hex(B9CE78) Hex(665C5E) Hex(A60029) Hex(26000A)

	Hex(CE788E)	Hex(FF809F)	Hex(B9CE78)	Hex(665C5E)	Hex(A60029)	Hex(26000A)
Hex(CE788E)		Ratio: 1.32 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 6.17 AA ¹ AAA 18pt ⁴
Hex(FF809F)	Ratio: 1.32 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 3.33 AA 18pt ²	Ratio: 8.13 Passed ⁶
Hex(B9CE78)	Ratio: 1.81 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 3.73 AA 18pt ²	Ratio: 4.58 AA ¹ AAA 18pt ⁴	Ratio: 11.19 Passed ⁶
Hex(665C5E)	Ratio: 2.06 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 3.73 AA 18pt ²		Ratio: 1.23 Failed ⁵	Ratio: 3.00 AA 18pt ²
Hex(A60029)	Ratio: 2.53 Failed ⁵	Ratio: 3.33 AA 18pt ²	Ratio: 4.58 AA ¹ AAA 18pt ⁴	Ratio: 1.23 Failed ⁵		Ratio: 2.44 Failed ⁵
Hex(26000A)	Ratio: 6.17 AA ¹ AAA 18pt ⁴	Ratio: 8.13 Passed ⁶	Ratio: 11.19 Passed ⁶	Ratio: 3.00 AA 18pt ²	Ratio: 2.44 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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