

Converting Colors - WCAG Matrix

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

Hex(CD7C9A) Hex(FF87B4) Hex(7CCD85) Hex(665C60) Hex(A6003D) Hex(26000E)

	Hex(CD7C9A)	Hex(FF87B4)	Hex(7CCD85)	Hex(665C60)	Hex(A6003D)	Hex(26000E)
Hex(CD7C9A)		Ratio: 1.35 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 6.38 AA ¹ AAA 18pt ⁴
Hex(FF87B4)	Ratio: 1.35 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 3.49 AA 18pt ²	Ratio: 8.61 Passed ⁶
Hex(7CCD85)	Ratio: 1.57 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 3.35 AA 18pt ²	Ratio: 4.06 AA 18pt ²	Ratio: 10.04 Passed ⁶
Hex(665C60)	Ratio: 2.13 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 3.35 AA 18pt ²		Ratio: 1.21 Failed ⁵	Ratio: 3.00 AA 18pt ²
Hex(A6003D)	Ratio: 2.58 Failed ⁵	Ratio: 3.49 AA 18pt ²	Ratio: 4.06 AA 18pt ²	Ratio: 1.21 Failed ⁵		Ratio: 2.47 Failed ⁵
Hex(26000E)	Ratio: 6.38 AA ¹ AAA 18pt ⁴	Ratio: 8.61 Passed ⁶	Ratio: 10.04 Passed ⁶	Ratio: 3.00 AA 18pt ²	Ratio: 2.47 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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