

Converting Colors - WCAG Matrix

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

Hex(D17D93) Hex(FF85A5) Hex(7DBDD1) Hex(695E61) Hex(A8002C) Hex(29000B)

	Hex(D17D93)	Hex(FF85A5)	Hex(7DBDD1)	Hex(695E61)	Hex(A8002C)	Hex(29000B)
Hex(D17D93)		Ratio: 1.30 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 6.43 AA ¹ AAA 18pt ⁴
Hex(FF85A5)	Ratio: 1.30 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 3.39 AA 18pt ²	Ratio: 8.32 Passed ⁶
Hex(7DBDD1)	Ratio: 1.43 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 2.98 Failed ⁵	Ratio: 3.73 AA 18pt ²	Ratio: 9.16 Passed ⁶
Hex(695E61)	Ratio: 2.09 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 2.98 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 3.07 AA 18pt ²
Hex(A8002C)	Ratio: 2.62 Failed ⁵	Ratio: 3.39 AA 18pt ²	Ratio: 3.73 AA 18pt ²	Ratio: 1.25 Failed ⁵		Ratio: 2.46 Failed ⁵
Hex(29000B)	Ratio: 6.43 AA ¹ AAA 18pt ⁴	Ratio: 8.32 Passed ⁶	Ratio: 9.16 Passed ⁶	Ratio: 3.07 AA 18pt ²	Ratio: 2.46 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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