

Converting Colors - WCAG Matrix

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

Hex(D57EAB) Hex(FF82C3) Hex(D5D27E) Hex(6B6066) Hex(AB0058) Hex(2B0016)

	Hex(D57EAB)	Hex(FF82C3)	Hex(D5D27E)	Hex(6B6066)	Hex(AB0058)	Hex(2B0016)
Hex(D57EAB)		Ratio: 1.25 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 6.64 AA ¹ AAA 18pt ⁴
Hex(FF82C3)	Ratio: 1.25 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 3.21 AA 18pt ²	Ratio: 8.29 Passed ⁶
Hex(D5D27E)	Ratio: 1.80 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 3.82 AA 18pt ²	Ratio: 4.65 AA ¹ AAA 18pt ⁴	Ratio: 11.98 Passed ⁶
Hex(6B6066)	Ratio: 2.12 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 3.82 AA 18pt ²		Ratio: 1.21 Failed ⁵	Ratio: 3.13 AA 18pt ²
Hex(AB0058)	Ratio: 2.58 Failed ⁵	Ratio: 3.21 AA 18pt ²	Ratio: 4.65 AA ¹ AAA 18pt ⁴	Ratio: 1.21 Failed ⁵		Ratio: 2.58 Failed ⁵
Hex(2B0016)	Ratio: 6.64 AA ¹ AAA 18pt ⁴	Ratio: 8.29 Passed ⁶	Ratio: 11.98 Passed ⁶	Ratio: 3.13 AA 18pt ²	Ratio: 2.58 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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