

Converting Colors - WCAG Matrix

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

	Hex(D87295)	Hex(D887A3)	Hex(D89DB1)	Hex(D8B3BF)	Hex(D8C8CD)	Hex(D8DEDC)	Hex(D8F3EA)	Hex(D8FFF8)	Hex(D8FFFF)
Hex(D87295)		Ratio: 1.17 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 2.91 Failed ⁵
Hex(D887A3)	Ratio: 1.17 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 2.49 Failed ⁵
Hex(D89DB1)	Ratio: 1.39 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.10 Failed ⁵
Hex(D8B3BF)	Ratio: 1.64 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.77 Failed ⁵
Hex(D8C8CD)	Ratio: 1.93 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.51 Failed ⁵
Hex(D8DEDC)	Ratio: 2.28 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.28 Failed ⁵
Hex(D8F3EA)	Ratio: 2.65 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.10 Failed ⁵
Hex(D8FFF8)	Ratio: 2.90 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.00 Failed ⁵
Hex(D8FFFF)	Ratio: 2.91 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.00 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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