

Converting Colors - WCAG Matrix

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

	Hex(D8BDDA)	Hex(D6A7DA)	Hex(D591DA)	Hex(D37CDA)	Hex(D266DA)	Hex(D050DA)	Hex(CF3ADA)	Hex(CD24DA)	Hex(CC0FDA)	Hex(CB00DA)
Hex(D8BDDA)		Ratio: 1.17 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 2.68 Failed ⁵
Hex(D6A7DA)	Ratio: 1.17 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 2.28 Failed ⁵
Hex(D591DA)	Ratio: 1.37 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.95 Failed ⁵
Hex(D37CDA)	Ratio: 1.59 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.68 Failed ⁵
Hex(D266DA)	Ratio: 1.84 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.46 Failed ⁵
Hex(D050DA)	Ratio: 2.09 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.28 Failed ⁵
Hex(CF3ADA)	Ratio: 2.32 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.16 Failed ⁵
Hex(CD24DA)	Ratio: 2.51 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.07 Failed ⁵
Hex(CC0FDA)	Ratio: 2.63 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(CB00DA)	Ratio: 2.68 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.02 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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