

Converting Colors - WCAG Matrix

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

	Hex(DD9EDB)	Hex(DDB4DC)	Hex(DDCADD)	Hex(DDE1DD)	Hex(DDF7DE)	Hex(DDFFDF)	Hex(DDFFE0)	Hex(DDFFE1)	Hex(DDFFE2)
Hex(DD9EDB)		Ratio: 1.17 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.95 Failed ⁵
Hex(DDB4DC)	Ratio: 1.17 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.67 Failed ⁵
Hex(DDCADD)	Ratio: 1.36 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.44 Failed ⁵
Hex(DDE1DD)	Ratio: 1.59 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.23 Failed ⁵
Hex(DDF7DE)	Ratio: 1.85 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.06 Failed ⁵
Hex(DDFFDF)	Ratio: 1.95 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.00 Failed ⁵
Hex(DDFFE0)	Ratio: 1.95 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 1.00 Failed ⁵
Hex(DDFFE1)	Ratio: 1.95 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 1.00 Failed ⁵
Hex(DDFFE2)	Ratio: 1.95 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.00 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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