

Converting Colors - WCAG Matrix

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

	Hex(DD8888)	Hex(DD9E9E)	Hex(DDB4B4)	Hex(DDCACA)	Hex(DDE0E0)	Hex(DDF7F7)	Hex(DDFFFF)
Hex(DD8888)		Ratio: 1.19 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 2.49 Failed ⁵
Hex(DD9E9E)	Ratio: 1.19 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.10 Failed ⁵
Hex(DDB4B4)	Ratio: 1.42 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.76 Failed ⁵
Hex(DDCACA)	Ratio: 1.68 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.48 Failed ⁵
Hex(DDE0E0)	Ratio: 1.99 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.25 Failed ⁵
Hex(DDF7F7)	Ratio: 2.35 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.06 Failed ⁵
Hex(DDFFFF)	Ratio: 2.49 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.06 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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