

Converting Colors - WCAG Matrix

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

	Hex(DD647A)	Hex(DD7A8C)	Hex(DD909E)	Hex(DDA6B0)	Hex(DDBC2)	Hex(DDD3D4)	Hex(DDE9E7)	Hex(DDFF9)	Hex(DDFFF)
Hex(DD647A)		Ratio: 1.17 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 3.20 AA 18pt ²	Ratio: 3.21 AA 18pt ²
Hex(DD7A8C)	Ratio: 1.17 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 2.74 Failed ⁵
Hex(DD909E)	Ratio: 1.39 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 2.32 Failed ⁵
Hex(DDA6B0)	Ratio: 1.64 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.95 Failed ⁵
Hex(DDBC2)	Ratio: 1.95 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.65 Failed ⁵
Hex(DDD3D4)	Ratio: 2.32 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.38 Failed ⁵
Hex(DDE9E7)	Ratio: 2.73 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.17 Failed ⁵
Hex(DDFF9)	Ratio: 3.20 AA 18pt ²	Ratio: 2.73 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.00 Failed ⁵
Hex(DDFFF)	Ratio: 3.21 AA 18pt ²	Ratio: 2.74 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.17 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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