

Converting Colors - WCAG Matrix

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

	Hex(DD3856)	Hex(FD576E)	Hex(FF7487)	Hex(FF91A2)	Hex(FFADB8)	Hex(FFCAD8)	Hex(FFE8F5)	Hex(FFFFFF)
Hex(DD3856)		Ratio: 1.42 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 3.08 AA 18pt ²	Ratio: 3.79 AA 18pt ²	Ratio: 4.40 AA 18pt ²
Hex(FD576E)	Ratio: 1.42 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 3.10 AA 18pt ²
Hex(FF7487)	Ratio: 1.70 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 2.59 Failed ⁵
Hex(FF91A2)	Ratio: 2.06 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.14 Failed ⁵
Hex(FFADB8)	Ratio: 2.51 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.76 Failed ⁵
Hex(FFCAD8)	Ratio: 3.08 AA 18pt ²	Ratio: 2.17 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.43 Failed ⁵
Hex(FFE8F5)	Ratio: 3.79 AA 18pt ²	Ratio: 2.68 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.16 Failed ⁵
Hex(FFFFFF)	Ratio: 4.40 AA 18pt ²	Ratio: 3.10 AA 18pt ²	Ratio: 2.59 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.16 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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