

Converting Colors - WCAG Matrix

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

Hex(7E4A68) Hex(FFFFFF) Hex(B47C9B) Hex(D096B6) Hex(ECB1D2) Hex(FFCDEE) Hex(FFE9FF)

	Hex(7E4A68)	Hex(FFFFFF)	Hex(B47C9B)	Hex(D096B6)	Hex(ECB1D2)	Hex(FFCDEE)	Hex(FFE9FF)
Hex(7E4A68)		Ratio: 6.85 AA ¹ AAA 18pt ⁴	Ratio: 2.05 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 3.84 AA 18pt ²	Ratio: 4.96 AA ¹ AAA 18pt ⁴	Ratio: 5.98 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 6.85 AA ¹ AAA 18pt ⁴		Ratio: 3.33 AA 18pt ²	Ratio: 2.41 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.14 Failed ⁵
Hex(B47C9B)	Ratio: 2.05 Failed ⁵	Ratio: 3.33 AA 18pt ²		Ratio: 1.38 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 2.91 Failed ⁵
Hex(D096B6)	Ratio: 2.84 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 2.10 Failed ⁵
Hex(ECB1D2)	Ratio: 3.84 AA 18pt ²	Ratio: 1.78 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.56 Failed ⁵
Hex(FFCDEE)	Ratio: 4.96 AA ¹ AAA 18pt ⁴	Ratio: 1.38 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.21 Failed ⁵
Hex(FFE9FF)	Ratio: 5.98 AA ¹ AAA 18pt ⁴	Ratio: 1.14 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.21 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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