

Converting Colors - WCAG Matrix

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

Hex(FFE5E8) Hex(FFE0E4) Hex(F5FFE5) Hex(7F7374) Hex(BF0016) Hex(400007)

	Hex(FFE5E8)	Hex(FFE0E4)	Hex(F5FFE5)	Hex(7F7374)	Hex(BF0016)	Hex(400007)
Hex(FFE5E8)		Ratio: 1.03 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 3.83 AA 18pt ²	Ratio: 5.46 AA ¹ AAA 18pt ⁴	Ratio: 14.43 Passed ⁶
Hex(FFE0E4)	Ratio: 1.03 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 3.70 AA 18pt ²	Ratio: 5.28 AA ¹ AAA 18pt ⁴	Ratio: 13.95 Passed ⁶
Hex(F5FFE5)	Ratio: 1.15 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 4.41 AA 18pt ²	Ratio: 6.30 AA ¹ AAA 18pt ⁴	Ratio: 16.64 Passed ⁶
Hex(7F7374)	Ratio: 3.83 AA 18pt ²	Ratio: 3.70 AA 18pt ²	Ratio: 4.41 AA 18pt ²		Ratio: 1.43 Failed ⁵	Ratio: 3.77 AA 18pt ²
Hex(BF0016)	Ratio: 5.46 AA ¹ AAA 18pt ⁴	Ratio: 5.28 AA ¹ AAA 18pt ⁴	Ratio: 6.30 AA ¹ AAA 18pt ⁴	Ratio: 1.43 Failed ⁵		Ratio: 2.64 Failed ⁵
Hex(400007)	Ratio: 14.43 Passed ⁶	Ratio: 13.95 Passed ⁶	Ratio: 16.64 Passed ⁶	Ratio: 3.77 AA 18pt ²	Ratio: 2.64 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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