

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(E2D0D4) Hex(FFE6EC) Hex(D0E2D4) Hex(706568) Hex(B0002C) Hex(30000C)

Hex(E2D0D4)		Ratio: 1.25 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 3.79 AA 18pt ²	Ratio: 4.93 AA ¹ AAA 18pt ⁴	Ratio: 12.56 Passed ⁶
Hex(FFE6EC)	Ratio: 1.25 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 4.74 AA ¹ AAA 18pt ⁴	Ratio: 6.17 AA ¹ AAA 18pt ⁴	Ratio: 15.72 Passed ⁶
Hex(D0E2D4)	Ratio: 1.09 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 4.14 AA 18pt ²	Ratio: 5.38 AA ¹ AAA 18pt ⁴	Ratio: 13.71 Passed ⁶
Hex(706568)	Ratio: 3.79 AA 18pt ²	Ratio: 4.74 AA ¹ AAA 18pt ⁴	Ratio: 4.14 AA 18pt ²		Ratio: 1.30 Failed ⁵	Ratio: 3.32 AA 18pt ²
Hex(B0002C)	Ratio: 4.93 AA ¹ AAA 18pt ⁴	Ratio: 6.17 AA ¹ AAA 18pt ⁴	Ratio: 5.38 AA ¹ AAA 18pt ⁴	Ratio: 1.30 Failed ⁵		Ratio: 2.55 Failed ⁵
Hex(30000C)	Ratio: 12.56 Passed ⁶	Ratio: 15.72 Passed ⁶	Ratio: 13.71 Passed ⁶	Ratio: 3.32 AA 18pt ²	Ratio: 2.55 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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