

Converting Colors - WCAG Matrix

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

Hex(E5B0D4) Hex(FFEDF9) Hex(BFB0E5) Hex(80757C) Hex(000000) Hex(808080)

	Hex(E5B0D4)	Hex(FFEDF9)	Hex(BFB0E5)	Hex(80757C)	Hex(000000)	Hex(808080)
Hex(E5B0D4)		Ratio: 1.63 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 11.49 Passed ⁶	Ratio: 2.16 Failed ⁵
Hex(FFEDF9)	Ratio: 1.63 Failed ⁵		Ratio: 1.77 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 18.73 Passed ⁶	Ratio: 3.52 AA 18pt ²
Hex(BFB0E5)	Ratio: 1.09 Failed ⁵	Ratio: 1.77 Failed ⁵		Ratio: 2.22 Failed ⁵	Ratio: 10.56 Passed ⁶	Ratio: 1.99 Failed ⁵
Hex(80757C)	Ratio: 2.42 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 2.22 Failed ⁵		Ratio: 4.75 AA ¹ AAA 18pt ⁴	Ratio: 1.12 Failed ⁵
Hex(000000)	Ratio: 11.49 Passed ⁶	Ratio: 18.73 Passed ⁶	Ratio: 10.56 Passed ⁶	Ratio: 4.75 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.16 Failed ⁵	Ratio: 3.52 AA 18pt ²	Ratio: 1.99 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 5.32 AA ¹ AAA 18pt ⁴	

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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