

Converting Colors - WCAG Matrix

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

Hex(DEE7E7) Hex(FCFFFF) Hex(DEE7DE) Hex(7E807F) Hex(000000) Hex(808080)

	Hex(DEE7E7)	Hex(FCFFFF)	Hex(DEE7DE)	Hex(7E807F)	Hex(000000)	Hex(808080)
Hex(DEE7E7)		Ratio: 1.25 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.16 AA 18pt ²	Ratio: 16.69 Passed ⁶	Ratio: 3.14 AA 18pt ²
Hex(FCFFFF)	Ratio: 1.25 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 20.89 Passed ⁶	Ratio: 3.93 AA 18pt ²
Hex(DEE7DE)	Ratio: 1.01 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 3.14 AA 18pt ²	Ratio: 16.59 Passed ⁶	Ratio: 3.12 AA 18pt ²
Hex(7E807F)	Ratio: 3.16 AA 18pt ²	Ratio: 3.95 AA 18pt ²	Ratio: 3.14 AA 18pt ²		Ratio: 5.28 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(000000)	Ratio: 16.69 Passed ⁶	Ratio: 20.89 Passed ⁶	Ratio: 16.59 Passed ⁶	Ratio: 5.28 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 3.14 AA 18pt ²	Ratio: 3.93 AA 18pt ²	Ratio: 3.12 AA 18pt ²	Ratio: 1.01 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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