

Converting Colors - WCAG Matrix

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

Hex(E6F4D8) Hex(EDFFDB) Hex(D8F4D8) Hex(747A6E) Hex(5DBA00) Hex(1D3B00)

	Hex(E6F4D8)	Hex(EDFFDB)	Hex(D8F4D8)	Hex(747A6E)	Hex(5DBA00)	Hex(1D3B00)
Hex(E6F4D8)		Ratio: 1.09 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 3.85 AA 18pt ²	Ratio: 2.16 Failed ⁵	Ratio: 10.90 Passed ⁶
Hex(EDFFDB)	Ratio: 1.09 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 4.19 AA 18pt ²	Ratio: 2.35 Failed ⁵	Ratio: 11.88 Passed ⁶
Hex(D8F4D8)	Ratio: 1.02 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 3.76 AA 18pt ²	Ratio: 2.10 Failed ⁵	Ratio: 10.64 Passed ⁶
Hex(747A6E)	Ratio: 3.85 AA 18pt ²	Ratio: 4.19 AA 18pt ²	Ratio: 3.76 AA 18pt ²		Ratio: 1.79 Failed ⁵	Ratio: 2.83 Failed ⁵
Hex(5DBA00)	Ratio: 2.16 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.79 Failed ⁵		Ratio: 5.06 AA ¹ AAA 18pt ⁴
Hex(1D3B00)	Ratio: 10.90 Passed ⁶	Ratio: 11.88 Passed ⁶	Ratio: 10.64 Passed ⁶	Ratio: 2.83 Failed ⁵	Ratio: 5.06 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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