

Converting Colors - WCAG Matrix

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

Hex(DDDD40) Hex(FFFF26) Hex(8FDD40) Hex(6E6E63) Hex(ADAD00) Hex(2E2E00)

	Hex(DDDD40)	Hex(FFFF26)	Hex(8FDD40)	Hex(6E6E63)	Hex(ADAD00)	Hex(2E2E00)
Hex(DDDD40)		Ratio: 1.35 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 3.56 AA 18pt ²	Ratio: 1.66 Failed ⁵	Ratio: 9.62 Passed ⁶
Hex(FFFF26)	Ratio: 1.35 Failed ⁵		Ratio: 1.56 Failed ⁵	Ratio: 4.81 AA ¹ AAA 18pt ⁴	Ratio: 2.24 Failed ⁵	Ratio: 13.00 Passed ⁶
Hex(8FDD40)	Ratio: 1.15 Failed ⁵	Ratio: 1.56 Failed ⁵		Ratio: 3.09 AA 18pt ²	Ratio: 1.44 Failed ⁵	Ratio: 8.35 Passed ⁶
Hex(6E6E63)	Ratio: 3.56 AA 18pt ²	Ratio: 4.81 AA ¹ AAA 18pt ⁴	Ratio: 3.09 AA 18pt ²		Ratio: 2.15 Failed ⁵	Ratio: 2.70 Failed ⁵
Hex(ADAD00)	Ratio: 1.66 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 2.15 Failed ⁵		Ratio: 5.81 AA ¹ AAA 18pt ⁴
Hex(2E2E00)	Ratio: 9.62 Passed ⁶	Ratio: 13.00 Passed ⁶	Ratio: 8.35 Passed ⁶	Ratio: 2.70 Failed ⁵	Ratio: 5.81 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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