

Converting Colors - WCAG Matrix

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

Hex(D3DD2B) Hex(F1FF08) Hex(7BDD2B) Hex(6D6E63) Hex(A4AD00) Hex(2B2E00)

	Hex(D3DD2B)	Hex(F1FF08)	Hex(7BDD2B)	Hex(6D6E63)	Hex(A4AD00)	Hex(2B2E00)
Hex(D3DD2B)		Ratio: 1.35 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 3.48 AA 18pt ²	Ratio: 1.65 Failed ⁵	Ratio: 9.47 Passed ⁶
Hex(F1FF08)	Ratio: 1.35 Failed ⁵		Ratio: 1.56 Failed ⁵	Ratio: 4.69 AA ¹ AAA 18pt ⁴	Ratio: 2.23 Failed ⁵	Ratio: 12.75 Passed ⁶
Hex(7BDD2B)	Ratio: 1.16 Failed ⁵	Ratio: 1.56 Failed ⁵		Ratio: 3.01 AA 18pt ²	Ratio: 1.43 Failed ⁵	Ratio: 8.18 Passed ⁶
Hex(6D6E63)	Ratio: 3.48 AA 18pt ²	Ratio: 4.69 AA ¹ AAA 18pt ⁴	Ratio: 3.01 AA 18pt ²		Ratio: 2.11 Failed ⁵	Ratio: 2.72 Failed ⁵
Hex(A4AD00)	Ratio: 1.65 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 2.11 Failed ⁵		Ratio: 5.73 AA ¹ AAA 18pt ⁴
Hex(2B2E00)	Ratio: 9.47 Passed ⁶	Ratio: 12.75 Passed ⁶	Ratio: 8.18 Passed ⁶	Ratio: 2.72 Failed ⁵	Ratio: 5.73 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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