

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(3B832D) Hex(3AAB24) Hex(2D834A) Hex(3D423C) Hex(158200) Hex(000300)

	Hex(3B832D)	Hex(3AAB24)	Hex(2D834A)	Hex(3D423C)	Hex(158200)	Hex(000300)
Hex(3B832D)		Ratio: 1.57 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 4.41 AA 18pt ²
Hex(3AAB24)	Ratio: 1.57 Failed ⁵		Ratio: 1.58 Failed ⁵	Ratio: 3.44 AA 18pt ²	Ratio: 1.66 Failed ⁵	Ratio: 6.94 AA ¹ AAA 18pt ⁴
Hex(2D834A)	Ratio: 1.00 Failed ⁵	Ratio: 1.58 Failed ⁵		Ratio: 2.18 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 4.40 AA 18pt ²
Hex(3D423C)	Ratio: 2.19 Failed ⁵	Ratio: 3.44 AA 18pt ²	Ratio: 2.18 Failed ⁵		Ratio: 2.07 Failed ⁵	Ratio: 2.02 Failed ⁵
Hex(158200)	Ratio: 1.06 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 2.07 Failed ⁵		Ratio: 4.17 AA 18pt ²
Hex(000300)	Ratio: 4.41 AA 18pt ²	Ratio: 6.94 AA ¹ AAA 18pt ⁴	Ratio: 4.40 AA 18pt ²	Ratio: 2.02 Failed ⁵	Ratio: 4.17 AA 18pt ²	

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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