

Converting Colors - WCAG Matrix

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

Hex(422E01) Hex(574F3D) Hex(420116) Hex(2B271C) Hex(ABABAB) Hex(2B2B2B)

	Hex(422E01)	Hex(574F3D)	Hex(420116)	Hex(2B271C)	Hex(ABABAB)	Hex(2B2B2B)
Hex(422E01)		Ratio: 1.60 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 5.64 AA ¹ AAA 18pt ⁴	Ratio: 1.09 Failed ⁵
Hex(574F3D)	Ratio: 1.60 Failed ⁵		Ratio: 2.08 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 3.53 AA 18pt ²	Ratio: 1.75 Failed ⁵
Hex(420116)	Ratio: 1.30 Failed ⁵	Ratio: 2.08 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 7.33 Passed ⁶	Ratio: 1.19 Failed ⁵
Hex(2B271C)	Ratio: 1.15 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 6.49 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(ABABAB)	Ratio: 5.64 AA ¹ AAA 18pt ⁴	Ratio: 3.53 AA 18pt ²	Ratio: 7.33 Passed ⁶	Ratio: 6.49 AA ¹ AAA 18pt ⁴		Ratio: 6.17 AA ¹ AAA 18pt ⁴
Hex(2B2B2B)	Ratio: 1.09 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 6.17 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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