

Converting Colors - WCAG Matrix

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

Hex(35002D) Hex(45003B) Hex(350014) Hex(191719) Hex(59004C) Hex(D900B8)

	Hex(35002D)	Hex(45003B)	Hex(350014)	Hex(191719)	Hex(59004C)	Hex(D900B8)
Hex(35002D)		Ratio: 1.11 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 3.90 AA 18pt ²
Hex(45003B)	Ratio: 1.11 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 3.53 AA 18pt ²
Hex(350014)	Ratio: 1.02 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 4.00 AA 18pt ²
Hex(191719)	Ratio: 1.01 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 3.94 AA 18pt ²
Hex(59004C)	Ratio: 1.29 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 3.04 AA 18pt ²
Hex(D900B8)	Ratio: 3.90 AA 18pt ²	Ratio: 3.53 AA 18pt ²	Ratio: 4.00 AA 18pt ²	Ratio: 3.94 AA 18pt ²	Ratio: 3.04 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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