

Converting Colors - WCAG Matrix

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

Hex(DB008F) Hex(BD0075) Hex(9F005D) Hex(810045) Hex(63002F) Hex(000000)

	Hex(DB008F)	Hex(BD0075)	Hex(9F005D)	Hex(810045)	Hex(63002F)	Hex(000000)
Hex(DB008F)		Ratio: 1.29 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 4.41 AA 18pt ²
Hex(BD0075)	Ratio: 1.29 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 3.42 AA 18pt ²
Hex(9F005D)	Ratio: 1.67 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 2.63 Failed ⁵
Hex(810045)	Ratio: 2.18 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 2.02 Failed ⁵
Hex(63002F)	Ratio: 2.81 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.57 Failed ⁵
Hex(000000)	Ratio: 4.41 AA 18pt ²	Ratio: 3.42 AA 18pt ²	Ratio: 2.63 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.57 Failed ⁵	

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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