

Converting Colors - WCAG Matrix

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

Hex(4D4B4D) Hex(635F63) Hex(4D4B4C) Hex(262426) Hex(610066) Hex(D900E6)

Hex(4D4B4D)		Ratio: 1.38 Failed⁵	Ratio: 1.00 Failed⁵	Ratio: 1.78 Failed⁵	Ratio: 1.43 Failed⁵	Ratio: 2.10 Failed⁵
Hex(635F63)	Ratio: 1.38 Failed⁵		Ratio: 1.38 Failed⁵	Ratio: 2.46 Failed⁵	Ratio: 1.97 Failed⁵	Ratio: 1.52 Failed⁵
Hex(4D4B4C)	Ratio: 1.00 Failed⁵	Ratio: 1.38 Failed⁵		Ratio: 1.78 Failed⁵	Ratio: 1.43 Failed⁵	Ratio: 2.10 Failed⁵
Hex(262426)	Ratio: 1.78 Failed⁵	Ratio: 2.46 Failed⁵	Ratio: 1.78 Failed⁵		Ratio: 1.25 Failed⁵	Ratio: 3.74 AA 18pt²
Hex(610066)	Ratio: 1.43 Failed⁵	Ratio: 1.97 Failed⁵	Ratio: 1.43 Failed⁵	Ratio: 1.25 Failed⁵		Ratio: 3.00 AA 18pt²
Hex(D900E6)	Ratio: 2.10 Failed⁵	Ratio: 1.52 Failed⁵	Ratio: 2.10 Failed⁵	Ratio: 3.74 AA 18pt²	Ratio: 3.00 AA 18pt²	

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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