

Converting Colors - WCAG Matrix

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

Hex(577574) Hex(8D9998) Hex(597557) Hex(454D4C) Hex(CCCCCC) Hex(4D4D4D)

	Hex(577574)	Hex(8D9998)	Hex(597557)	Hex(454D4C)	Hex(CCCCCC)	Hex(4D4D4D)
Hex(577574)		Ratio: 1.70 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 3.11 AA 18pt ²	Ratio: 1.69 Failed ⁵
Hex(8D9998)	Ratio: 1.70 Failed ⁵		Ratio: 1.74 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.88 Failed ⁵
Hex(597557)	Ratio: 1.02 Failed ⁵	Ratio: 1.74 Failed ⁵		Ratio: 1.70 Failed ⁵	Ratio: 3.18 AA 18pt ²	Ratio: 1.65 Failed ⁵
Hex(454D4C)	Ratio: 1.74 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 1.70 Failed ⁵		Ratio: 5.41 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(CCCCCC)	Ratio: 3.11 AA 18pt ²	Ratio: 1.83 Failed ⁵	Ratio: 3.18 AA 18pt ²	Ratio: 5.41 AA ¹ AAA 18pt ⁴		Ratio: 5.26 AA ¹ AAA 18pt ⁴
Hex(4D4D4D)	Ratio: 1.69 Failed ⁵	Ratio: 2.88 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 5.26 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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