

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(6D4531) Hex(8F7F77) Hex(6D3159) Hex(473E39) Hex(C7C7C7) Hex(474747)

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|--------------------|---|---|---|---|---|---|
| Hex(6D4531) | | Ratio: 2.15 Failed⁵ | Ratio: 1.14 Failed⁵ | Ratio: 1.26 Failed⁵ | Ratio: 4.88 AA¹ AAA 18pt⁴ | Ratio: 1.13 Failed⁵ |
| Hex(8F7F77) | Ratio: 2.15 Failed⁵ | | Ratio: 2.45 Failed⁵ | Ratio: 2.71 Failed⁵ | Ratio: 2.27 Failed⁵ | Ratio: 2.42 Failed⁵ |
| Hex(6D3159) | Ratio: 1.14 Failed⁵ | Ratio: 2.45 Failed⁵ | | Ratio: 1.11 Failed⁵ | Ratio: 5.56 AA¹ AAA 18pt⁴ | Ratio: 1.01 Failed⁵ |
| Hex(473E39) | Ratio: 1.26 Failed⁵ | Ratio: 2.71 Failed⁵ | Ratio: 1.11 Failed⁵ | | Ratio: 6.16 AA¹ AAA 18pt⁴ | Ratio: 1.12 Failed⁵ |
| Hex(C7C7C7) | Ratio: 4.88 AA¹ AAA 18pt⁴ | Ratio: 2.27 Failed⁵ | Ratio: 5.56 AA¹ AAA 18pt⁴ | Ratio: 6.16 AA¹ AAA 18pt⁴ | | Ratio: 5.50 AA¹ AAA 18pt⁴ |
| Hex(474747) | Ratio: 1.13 Failed⁵ | Ratio: 2.42 Failed⁵ | Ratio: 1.01 Failed⁵ | Ratio: 1.12 Failed⁵ | Ratio: 5.50 AA¹ AAA 18pt⁴ | |

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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