

Converting Colors - WCAG Matrix

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

Hex(DB9467) Hex(FFE6D6) Hex(DB67AF) Hex(807167) Hex(000000) Hex(808080)

	Hex(DB9467)	Hex(FFE6D6)	Hex(DB67AF)	Hex(807167)	Hex(000000)	Hex(808080)
Hex(DB9467)		Ratio: 2.08 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 8.44 Passed ⁶	Ratio: 1.59 Failed ⁵
Hex(FFE6D6)	Ratio: 2.08 Failed ⁵		Ratio: 2.67 Failed ⁵	Ratio: 3.92 AA 18pt ²	Ratio: 17.54 Passed ⁶	Ratio: 3.30 AA 18pt ²
Hex(DB67AF)	Ratio: 1.28 Failed ⁵	Ratio: 2.67 Failed ⁵		Ratio: 1.47 Failed ⁵	Ratio: 6.57 AA ¹ AAA 18pt ⁴	Ratio: 1.24 Failed ⁵
Hex(807167)	Ratio: 1.89 Failed ⁵	Ratio: 3.92 AA 18pt ²	Ratio: 1.47 Failed ⁵		Ratio: 4.48 AA 18pt ²	Ratio: 1.19 Failed ⁵
Hex(000000)	Ratio: 8.44 Passed ⁶	Ratio: 17.54 Passed ⁶	Ratio: 6.57 AA ¹ AAA 18pt ⁴	Ratio: 4.48 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.59 Failed ⁵	Ratio: 3.30 AA 18pt ²	Ratio: 1.24 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 5.32 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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