

Converting Colors - WCAG Matrix

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

	Hex(DB6B26)	Hex(DB783D)	Hex(DB8752)	Hex(DB9469)	Hex(DBA17D)	Hex(DBB094)	Hex(DBBDAB)	Hex(DBC9BF)	Hex(DBD9D6)	Hex(DBE6ED)
Hex(DB6B26)		Ratio: 1.10 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 2.69 Failed ⁵
Hex(DB783D)	Ratio: 1.10 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 2.45 Failed ⁵
Hex(DB8752)	Ratio: 1.24 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.18 Failed ⁵
Hex(DB9469)	Ratio: 1.38 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.96 Failed ⁵
Hex(DBA17D)	Ratio: 1.53 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.76 Failed ⁵
Hex(DBB094)	Ratio: 1.73 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.55 Failed ⁵
Hex(DBBDAB)	Ratio: 1.93 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.39 Failed ⁵
Hex(DBC9BF)	Ratio: 2.14 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.26 Failed ⁵
Hex(DBD9D6)	Ratio: 2.43 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.11 Failed ⁵
Hex(DBE6ED)	Ratio: 2.69 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.11 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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