

Converting Colors - WCAG Matrix

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

	Hex(DB6D25)	Hex(DB7A3B)	Hex(DB8751)	Hex(DB9567)	Hex(DBA27D)	Hex(DBAF93)	Hex(DBBCA8)	Hex(DBCABE)	Hex(DBD7D4)	Hex(DBE4EA)
Hex(DB6D25)		Ratio: 1.10 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 2.62 Failed ⁵
Hex(DB7A3B)	Ratio: 1.10 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 2.38 Failed ⁵
Hex(DB8751)	Ratio: 1.22 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.15 Failed ⁵
Hex(DB9567)	Ratio: 1.37 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.92 Failed ⁵
Hex(DBA27D)	Ratio: 1.52 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.72 Failed ⁵
Hex(DBAF93)	Ratio: 1.70 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.54 Failed ⁵
Hex(DBBCA8)	Ratio: 1.89 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.38 Failed ⁵
Hex(DBCABE)	Ratio: 2.12 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.23 Failed ⁵
Hex(DBD7D4)	Ratio: 2.36 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.11 Failed ⁵
Hex(DBE4EA)	Ratio: 2.62 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.23 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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