Converting Colors - WCAG Matrix

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

	Hex(D3D3D3)	Hex(E8D3D9)	Hex(FDD3DF)	Hex(FFD3E5)	Hex(FFD3EB)	Hex(FFD3F1)	Hex(FFD3F7)	Hex(FFD3FD)	Hex(FFD3FF)
Hex(D3D3D3)		Ratio: 1.05 Failed [5]	Ratio: 1.11 Failed [5]	Ratio: 1.12 Failed [5]	Ratio: 1.12 Failed [5]	Ratio: 1.13 Failed [5]	Ratio: 1.13 Failed [5]	Ratio: 1.14 Failed [5]	Ratio: 1.14 Failed [5]
Hex(E8D3D9)	Ratio: 1.05 Failed [5]		Ratio: 1.05 Failed [5]	Ratio: 1.06 Failed [5]	Ratio: 1.07 Failed [5]	Ratio: 1.07 Failed [5]	Ratio: 1.08 Failed [5]	Ratio: 1.08 Failed [5]	Ratio: 1.09 Failed [5]
Hex(FDD3DF)	Ratio: 1.11 Failed [5]	Ratio: 1.05 Failed [5]		Ratio: 1.01 Failed [5]	Ratio: 1.01 Failed [5]	Ratio: 1.02 Failed [5]	Ratio: 1.02 Failed [5]	Ratio: 1.03 Failed [5]	Ratio: 1.03 Failed [5]
Hex(FFD3E5)	Ratio: 1.12 Failed [5]	Ratio: 1.06 Failed [5]	Ratio: 1.01 Failed [5]		Ratio: 1.00 Failed [5]	Ratio: 1.01 Failed [5]	Ratio: 1.01 Failed [5]	Ratio: 1.02 Failed [5]	Ratio: 1.02 Failed [5]
Hex(FFD3EB)	Ratio: 1.12 Failed [5]	Ratio: 1.07 Failed [5]	Ratio: 1.01 Failed [5]	Ratio: 1.00 Failed [5]		Ratio: 1.00 Failed [5]	Ratio: 1.01 Failed [5]	Ratio: 1.01 Failed [5]	Ratio: 1.02 Failed [5]
Hex(FFD3F1)	Ratio: 1.13 Failed [5]	Ratio: 1.07 Failed [5]	Ratio: 1.02 Failed [5]	Ratio: 1.01 Failed [5]	Ratio: 1.00 Failed [5]		Ratio: 1.00 Failed [5]	Ratio: 1.01 Failed [5]	Ratio: 1.01 Failed [5]
Hex(FFD3F7)	Ratio: 1.13 Failed [5]	Ratio: 1.08 Failed [5]	Ratio: 1.02 Failed [5]	Ratio: 1.01 Failed [5]	Ratio: 1.01 Failed [5]	Ratio: 1.00 Failed [5]		Ratio: 1.00 Failed [5]	Ratio: 1.01 Failed [5]
Hex(FFD3FD)	Ratio: 1.14 Failed [5]	Ratio: 1.08 Failed [5]	Ratio: 1.03 Failed [5]	Ratio: 1.02 Failed [5]	Ratio: 1.01 Failed [5]	Ratio: 1.01 Failed [5]	Ratio: 1.00 Failed [5]		Ratio: 1.00 Failed [5]
Hex(FFD3FF)	Ratio: 1.14 Failed [5]	Ratio: 1.09 Failed [5]	Ratio: 1.03 Failed [5]	Ratio: 1.02 Failed [5]	Ratio: 1.02 Failed [5]	Ratio: 1.01 Failed [5]	Ratio: 1.01 Failed [5]	Ratio: 1.00 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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