

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(9FA0A4) Hex(D4D4D6) Hex(9FA4A3) Hex(6A6A6B) Hex(EBEBEB) Hex(6B6B6B)**

	Hex(9FA0A4)	Hex(D4D4D6)	Hex(9FA4A3)	Hex(6A6A6B)	Hex(EBEBEB)	Hex(6B6B6B)
Hex(9FA0A4)		<a href="#">Ratio: 1.76</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.03</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 2.07</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 2.19</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 2.04</a> <a href="#">Failed</a> <sup>5</sup>
Hex(D4D4D6)	<a href="#">Ratio: 1.76</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 1.71</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 3.65</a> <a href="#">AA 18pt</a> <sup>2</sup>	<a href="#">Ratio: 1.24</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 3.60</a> <a href="#">AA 18pt</a> <sup>2</sup>
Hex(9FA4A3)	<a href="#">Ratio: 1.03</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.71</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 2.14</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 2.12</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 2.11</a> <a href="#">Failed</a> <sup>5</sup>
Hex(6A6A6B)	<a href="#">Ratio: 2.07</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 3.65</a> <a href="#">AA 18pt</a> <sup>2</sup>	<a href="#">Ratio: 2.14</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 4.53</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>	<a href="#">Ratio: 1.01</a> <a href="#">Failed</a> <sup>5</sup>
Hex(EBEBEB)	<a href="#">Ratio: 2.19</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.24</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 2.12</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 4.53</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>		<a href="#">Ratio: 4.47</a> <a href="#">AA 18pt</a> <sup>2</sup>
Hex(6B6B6B)	<a href="#">Ratio: 2.04</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 3.60</a> <a href="#">AA 18pt</a> <sup>2</sup>	<a href="#">Ratio: 2.11</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.01</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 4.47</a> <a href="#">AA 18pt</a> <sup>2</sup>	

Details can be found at <https://www.w3.org/TR/WCAG20/>.

<sup>1</sup> AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

<sup>2</sup> AA 18pt

AA level for large text above 18pt.

<sup>3</sup> AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

<sup>4</sup> AAA 18pt

AAA level for large text above 18pt.

<sup>5</sup> Failed

Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

<sup>6</sup> Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

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