

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(938EA8) Hex(D2D0DB) Hex(8EA3A8) Hex(68676E) Hex(EDEDED) Hex(6E6E6E)**

	Hex(938EA8)	Hex(D2D0DB)	Hex(8EA3A8)	Hex(68676E)	Hex(EDEDED)	Hex(6E6E6E)
Hex(938EA8)		<a href="#">Ratio: 2.07</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.19</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.78</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 2.69</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.62</a> <a href="#">Failed<sup>5</sup></a>
Hex(D2D0DB)	<a href="#">Ratio: 2.07</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 1.73</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 3.67</a> <a href="#">AA 18pt<sup>2</sup></a>	<a href="#">Ratio: 1.30</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 3.35</a> <a href="#">AA 18pt<sup>2</sup></a>
Hex(8EA3A8)	<a href="#">Ratio: 1.19</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.73</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 2.12</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 2.26</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.93</a> <a href="#">Failed<sup>5</sup></a>
Hex(68676E)	<a href="#">Ratio: 1.78</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 3.67</a> <a href="#">AA 18pt<sup>2</sup></a>	<a href="#">Ratio: 2.12</a> <a href="#">Failed<sup>5</sup></a>		<a href="#">Ratio: 4.78</a> <a href="#">AA<sup>1</sup></a> <a href="#">AAA 18pt<sup>4</sup></a>	<a href="#">Ratio: 1.10</a> <a href="#">Failed<sup>5</sup></a>
Hex(EDEDED)	<a href="#">Ratio: 2.69</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.30</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 2.26</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 4.78</a> <a href="#">AA<sup>1</sup></a> <a href="#">AAA 18pt<sup>4</sup></a>		<a href="#">Ratio: 4.36</a> <a href="#">AA 18pt<sup>2</sup></a>
Hex(6E6E6E)	<a href="#">Ratio: 1.62</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 3.35</a> <a href="#">AA 18pt<sup>2</sup></a>	<a href="#">Ratio: 1.93</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 1.10</a> <a href="#">Failed<sup>5</sup></a>	<a href="#">Ratio: 4.36</a> <a href="#">AA 18pt<sup>2</sup></a>	

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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