

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(3E2526) Hex(524848) Hex(3D253E) Hex(292323) Hex(A8A8A8) Hex(292929)**

	Hex(3E2526)	Hex(524848)	Hex(3D253E)	Hex(292323)	Hex(A8A8A8)	Hex(292929)
Hex(3E2526)		<a href="#">Ratio: 1.59</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.02</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.10</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 5.90</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>	<a href="#">Ratio: 1.04</a> <a href="#">Failed</a> <sup>5</sup>
Hex(524848)	<a href="#">Ratio: 1.59</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 1.55</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.75</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 3.71</a> <a href="#">AA 18pt</a> <sup>2</sup>	<a href="#">Ratio: 1.65</a> <a href="#">Failed</a> <sup>5</sup>
Hex(3D253E)	<a href="#">Ratio: 1.02</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.55</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 1.13</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 5.76</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>	<a href="#">Ratio: 1.06</a> <a href="#">Failed</a> <sup>5</sup>
Hex(292323)	<a href="#">Ratio: 1.10</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.75</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.13</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 6.50</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>	<a href="#">Ratio: 1.06</a> <a href="#">Failed</a> <sup>5</sup>
Hex(A8A8A8)	<a href="#">Ratio: 5.90</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>	<a href="#">Ratio: 3.71</a> <a href="#">AA 18pt</a> <sup>2</sup>	<a href="#">Ratio: 5.76</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>	<a href="#">Ratio: 6.50</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>		<a href="#">Ratio: 6.12</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>
Hex(292929)	<a href="#">Ratio: 1.04</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.65</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.06</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.06</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 6.12</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</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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