

Converting Colors

CIELCh(56, 28.347, 190.917)

Have a look what the booklet for
CIELCh(56, 28.347, 190.917)
contains.

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Color

CIELCh(56, 28.375, 190.941)

Conversions

Conversions Part 1

Format	Color
Hex	39948F
RGB	57, 148, 143
RGB Percent	22%, 58%, 56%
CMY	0.7779, 0.4209, 0.4404
CMYK	0.62, 0.00, 0.03, 0.42
HSL	177°, 45%, 40%
HSV	177°, 62%, 58%
XYZ	17.1403, 23.9124, 29.5744
YIQ	120.2210, -52.6310, -20.8470

Conversions

Conversions Part 2

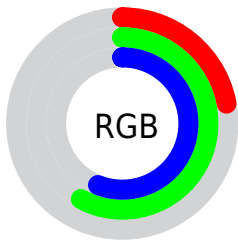
Format	Color
R_{YB}	57, 104, 148
Decimal	3773583
CIE _{Lab}	56.00, -27.86, -5.39
CIE _{LCh}	56, 28.375, 190.941
Y _{xy}	23.9124, 0.2427, 0.3386
Android (android.graphics.Color)	4281963663 (0xFF39948F)
YUV	120.2210, 11.2300, -55.4448
Hunter-Lab	48.9003, -23.0088, -1.6277

Details

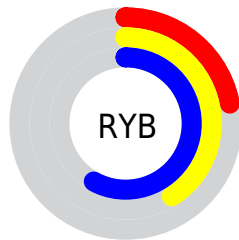
The CIELCh color **56, 28.375, 190.941** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **37, 42.331, 23.662**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 28.262, 191.807**, and **37, 25.471, 190.611** is the 20% darker color. If you saturate the color by 10%, you get **56, 30.987, 190.318**, and if you desaturate by 10%, it is **57, 25.091, 191.557**.

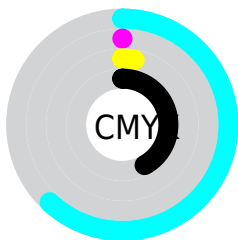
Distribution



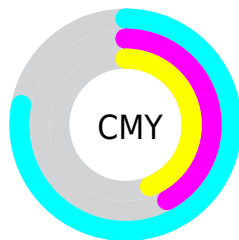
- Red (22%)
- Green (58%)
- Blue (56%)



- Red (22%)
- Yellow (41%)
- Blue (58%)



- Cyan (62%)
- Magenta (0%)
- Yellow (3%)
- Black (42%)





- Cyan (78%)
- Magenta (42%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 28.375, 190.941 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 56, 28.375, 190.941 by changing the saturation by 10% instead.


 56, 28.375,
190.941


 56, 28.375,
190.941


 100, 28.375,
190.941


 46, 28.375,
190.941


 76, 28.375,
190.941

 36, 28.375,
190.941

 86, 28.375,
190.941

 26, 28.375,
190.941

 96, 28.375,
190.941

 16, 28.375,
190.941

 6, 28.375, 190.941

 0, 28.375, 190.941

■ 56, 28.375,
190.941

■ 56, 28.375,
190.941

■ 56, 30.987,
190.318

■ 57, 25.091,
191.557

■ 55, 32.911,
189.683

■ 57, 21.185,
192.180

■ 55, 34.173,
189.020

■ 58, 16.731,
192.813

■ 55, 34.903,
188.455

■ 59, 11.813,
193.463

■ 60, 6.521, 194.144

■ 61, 0.943, 195.200

■ 62, 4.844, 15.317

■ 64, 10.769, 16.040

■ 65, 16.777, 16.730

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



56, 28.375, 190.941



37, 42.331, 23.662

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56, 28.375, 190.941



56, 28.375, 240.941



56, 28.375, 10.941



56, 28.375, 60.941

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



56, 28.375, 190.939



75, 12.234, 193.683



54, 59.382, 138.045



39, 8.506, 193.504



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



56, 28.375, 190.939



71, 38.495, 190.077



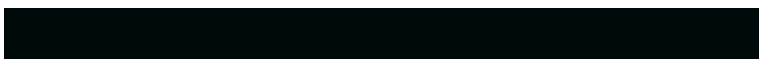
44, 27.143, 259.969



31, 3.182, 194.322



52, 33.157, 188.502



2, 2.840, 194.864

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



37, 42.331, 23.662



44, 63.402, 28.055



46, 35.132, 61.392



29, 3.347, 15.447



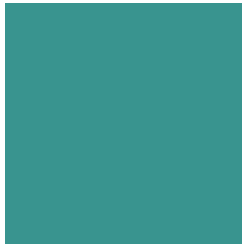
28, 63.358, 36.720



1, 2.840, 14.847

Previews

White Background



This preview shows how the CIELCh color 56, 28.375, 190.941 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 56, 28.375, 190.941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

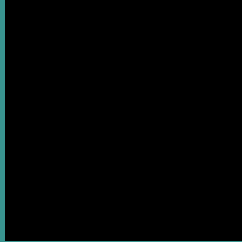
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 56, 28.375, 190.941

Background



This preview shows how black text looks on a background with the CIELCh color 56, 28.375, 190.941.



This preview shows how white text looks on a background with the CIELCh color 56, 28.375, 190.941.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

56, 28.375, 190.941

Protanopia

56, 1.324, 353.621

Deuteranopia

56, 10.525, 312.555



Tritanopia
56, 25.224, 213.262

Trichromacy



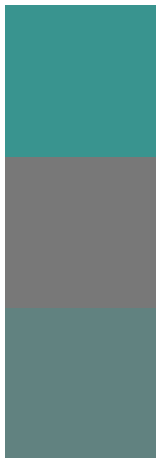
Original Color
56, 28.375, 190.941

Protanomaly
55, 11.507, 195.421

Deuteranomaly
55, 10.607, 227.945

Tritanomaly
56, 25.876, 204.812

Monochromacy



Original Color
56, 28.375, 190.941

Achromatopsia
50, 0.007, 296.813

Achromatomaly
52, 12.371, 192.729

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 28.375, 190.941 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(57, 148, 143)` looks like.

```
.text, #text, p{  
    color:rgb(57, 148, 143)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(57, 148, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 148, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 28.375, 190.941 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(57, 148, 143) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(57, 148, 143) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(57, 148, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 148, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 148, 143);  
box-shadow:4px 4px 4px 4px rgb(57, 148,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 28.375, 190.941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 148, 143) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(57, 148,  
143) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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