

Converting Colors

CIELCh(56, 27.075, 205.536)

Have a look what the booklet for
CIELCh(56, 27.075, 205.536)
contains.

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Color

CIELCh(56, 27.153, 205.591)

Conversions

Conversions Part 1

Format	Color
Hex	37939A
RGB	55, 147, 154
RGB Percent	22%, 58%, 60%
CMY	0.7856, 0.4246, 0.3971
CMYK	0.64, 0.05, 0.00, 0.40
HSL	184°, 48%, 41%
HSV	184°, 64%, 60%
XYZ	17.7610, 23.9124, 34.1356
YIQ	120.2900, -57.0790, -17.3270

Conversions

Conversions Part 2

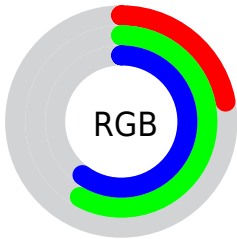
Format	Color
RYB	55, 103, 154
Decimal	3642266
CIELab	56.00, -24.49, -11.73
CIElCh	56, 27.153, 205.591
Yxy	23.9124, 0.2343, 0.3154
Android (android.graphics.Color)	4281832346 (0xFF37939A)
YUV	120.2900, 16.6190, -57.2593
Hunter-Lab	48.9003, -20.7428, -7.1580

Details

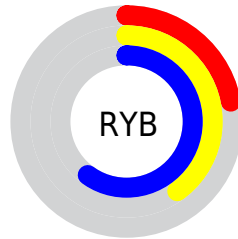
The CIELCh color **56, 27.153, 205.591** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **39, 44.911, 32.118**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 27.034, 205.588**, and **37, 23.702, 207.296** is the 20% darker color. If you saturate the color by 10%, you get **55, 29.186, 206.089**, and if you desaturate by 10%, it is **57, 24.423, 205.273**.

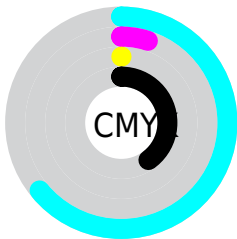
Distribution



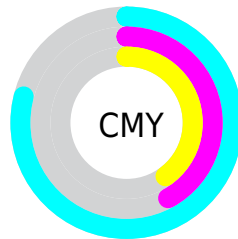
- Red (22%)
- Green (58%)
- Blue (60%)



- Red (22%)
- Yellow (40%)
- Blue (60%)



- Cyan (64%)
- Magenta (5%)
- Yellow (0%)
- Black (40%)





- Cyan (79%)
- Magenta (42%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 27.153, 205.591 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, 27.153, 205.591 by changing the saturation by 10% instead.


 56, 27.153,
205.591


 56, 27.153,
205.591


 100, 27.153,
205.591


 46, 27.153,
205.591


 76, 27.153,
205.591


 36, 27.153,
205.591

 86, 27.153,
205.591

 26, 27.153,
205.591

 96, 27.153,
205.591

 16, 27.153,
205.591

 6, 27.153, 205.591

 0, 27.153, 205.591

■ 56, 27.153,
205.591

■ 56, 27.153,
205.591

■ 55, 29.186,
206.089

■ 57, 24.423,
205.273

■ 55, 30.519,
206.795

■ 58, 21.037,
205.115

■ 54, 31.196,
207.723

■ 59, 17.061,
205.095

■ 54, 31.440,
208.286

■ 60, 12.575,
205.192

■ 61, 7.665, 205.395

■ 63, 2.415, 205.780

■ 64, 3.098, 25.757

■ 66, 8.806, 26.213

■ 68, 14.651, 26.627

Harmonies

Complementary

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



56, 27.153, 205.591



39, 44.911, 32.118

Rectangle

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



56, 27.153, 205.591



56, 27.153, 255.591



56, 27.153, 25.591



56, 27.153, 75.591

Sweetspot

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



56, 27.153, 205.590



77, 12.266, 205.281



56, 62.066, 140.495



40, 8.349, 205.232



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



56, 27.153, 205.590



70, 36.074, 206.350



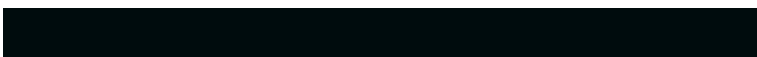
41, 35.244, 275.788



32, 3.032, 205.552



49, 29.418, 208.182



3, 3.332, 206.530

Inverse Universe

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



41, 60.837, 329.842



49, 83.633, 330.442



50, 38.874, 73.728



30, 5.660, 326.886



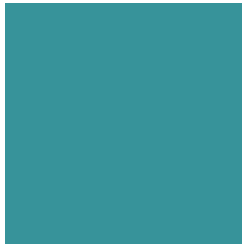
32, 70.161, 331.188



1, 6.050, 326.638

Previews

White Background



This preview shows how the CIELCh color 56, 27.153, 205.591 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, 27.153, 205.591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

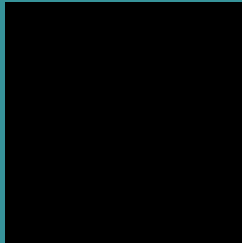
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 27.153, 205.591

Background



This preview shows how black text looks on a background with the CIELCh color 56, 27.153, 205.591.

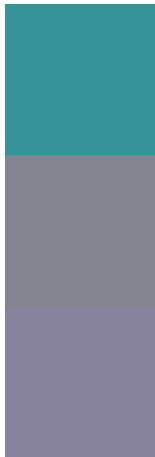


This preview shows how white text looks on a background with the CIELCh color 56, 27.153, 205.591.

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, 27.153, 205.591

Protanopia
56, 6.884, 287.848

Deuteranopia
56, 15.651, 298.726



Tritanopia
56, 26.528, 212.343

Trichromacy



Original Color
56, 27.153, 205.591

Protanomaly
55, 13.146, 224.432

Deuteranomaly
55, 15.166, 248.298

Tritanomaly
56, 26.688, 209.634

Monochromacy



Original Color
56, 27.153, 205.591

Achromatopsia
50, 0.007, 296.813

Achromatomaly
52, 12.460, 203.562

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 27.153, 205.591 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(55, 147, 154)` looks like.

```
.text, #text, p{  
    color:rgb(55, 147, 154)  
}
```

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(55, 147, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 147, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 27.153, 205.591 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(55, 147, 154) }
```

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

```
.border{ border-color:rgb(55, 147, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 147, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 147, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 147, 154);  
box-shadow:4px 4px 4px 4px rgb(55, 147,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 27.153, 205.591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 147, 154) }
```

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

```
.background{ background-color: rgb(55, 147,  
154) }
```

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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