

Converting Colors

CIELCh(57, 28.147, 225.826)

Have a look what the booklet for
CIELCh(57, 28.147, 225.826)
contains.

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Color

CIELCh(57, 28.135, 225.505)

Conversions

Conversions Part 1

Format	Color
Hex	3794AB
RGB	55, 148, 171
RGB Percent	22%, 58%, 67%
CMY	0.7844, 0.4197, 0.3295
CMYK	0.68, 0.13, 0.00, 0.33
HSL	192°, 51%, 44%
HSV	192°, 68%, 67%
XYZ	19.5081, 24.9227, 42.2974
YIQ	122.8150, -62.8110, -12.5630

Conversions

Conversions Part 2

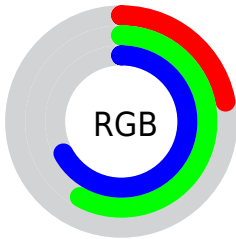
Format	Color
RYB	55, 107, 171
Decimal	3642539
CIELab	57.00, -19.72, -20.07
CIELCh	57, 28.135, 225.505
Yxy	24.9227, 0.2249, 0.2874
Android (android.graphics.Color)	4281832619 (0xFF3794AB)
YUV	122.8150, 23.7552, -59.4738
Hunter-Lab	49.9226, -17.6126, -15.2882




Details

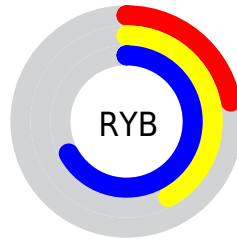
The CIELCh color **57, 28.135, 225.505** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **45, 48.278, 40.959**, and the grayscale version is **51, 0.007, 296.813**.




A 20% lighter version of the original color is **77, 28.010, 225.458**, and **38, 24.821, 230.742** is the 20% darker color. If you saturate the color by 10%, you get **56, 30.109, 227.825**, and if you desaturate by 10%, it is **59, 25.509, 223.685**.

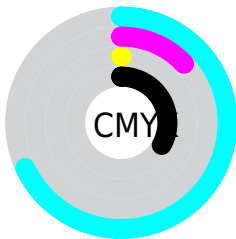
Distribution







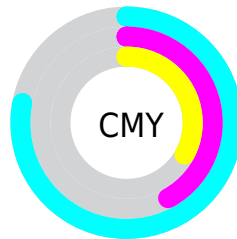
-  Red (22%)
-  Green (58%)
-  Blue (67%)






-  Red (22%)
-  Yellow (42%)
-  Blue (67%)



-  Cyan (68%)
-  Magenta (13%)
-  Yellow (0%)
-  Black (33%)



-  Cyan (78%)
-  Magenta (42%)
-  Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 28.135, 225.505 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 57, 28.135, 225.505 by changing the saturation by 10% instead.


 57, 28.135,
225.505

 57, 28.135,
225.505

 100, 28.135,
225.505

 47, 28.135,
225.505


 77, 28.135,
225.505


 37, 28.135,
225.505

 87, 28.135,
225.505

 27, 28.135,
225.505

 97, 28.135,
225.505

 17, 28.135,
225.505

 7, 28.135, 225.505

 0, 28.135, 225.505

■ 57, 28.135,
225.505

■ 57, 28.135,
225.505

■ 56, 30.109,
227.825

■ 59, 25.509,
223.685

■ 54, 31.466,
230.721

■ 60, 22.253,
222.287

■ 53, 32.339,
234.183

■ 62, 18.419,
221.234

■ 53, 32.519,
234.942

■ 64, 14.080,
220.461

■ 66, 9.317, 219.918

■ 68, 4.206, 219.594

■ 70, 1.178, 38.818

■ 73, 6.774, 39.012

■ 75, 12.526, 38.981

Harmonies

Complementary

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



57, 28.135, 225.505



45, 48.278, 40.959

Rectangle

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



57, 28.135, 225.505



57, 28.135, 275.505



57, 28.135, 45.505



57, 28.135, 95.505

Sweetspot

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



57, 28.134, 225.504



83, 12.810, 220.034



62, 65.249, 143.190



44, 8.735, 220.176



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



57, 28.134, 225.504



70, 37.413, 229.078



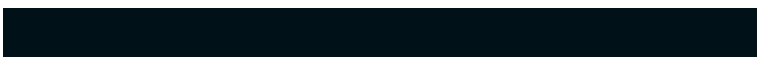
40, 48.403, 286.395



36, 3.059, 219.624



47, 29.573, 234.501



5, 6.430, 227.909

Inverse Universe

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



44, 63.047, 335.063



53, 85.379, 336.268



58, 46.915, 83.382



34, 5.743, 331.007



34, 67.002, 337.861



2, 11.452, 333.111

Previews

White Background



This preview shows how the CIE LCh color 57, 28.135, 225.505 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 57, 28.135, 225.505 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 57, 28.135, 225.505

Background



This preview shows how black text looks on a background with the CIELCh color 57, 28.135, 225.505.

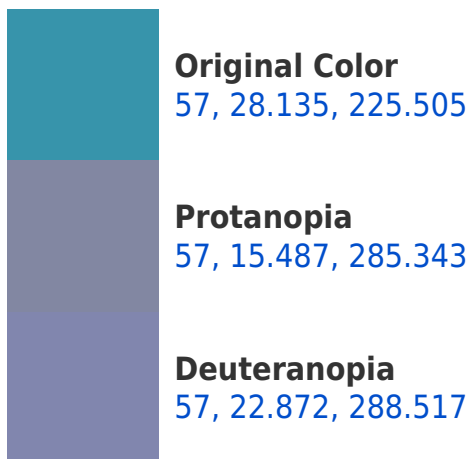



This preview shows how white text looks on a background with the CIELCh color 57, 28.135, 225.505.

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





Tritanopia
57, 28.457, 211.104

Trichromacy



Original Color
57, 28.135, 225.505

Protanomaly
56, 18.451, 249.822

Deuteranomaly
56, 22.316, 260.022

Tritanomaly
57, 28.075, 216.352

Monochromacy



Original Color
57, 28.135, 225.505

Achromatopsia
52, 0.007, 296.813

Achromatomaly
53, 12.857, 219.551

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 28.135, 225.505 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, 148, 171)` looks like.

```
.text, #text, p{  
    color:rgb(55, 148, 171)  
}
```

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, 148, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 148, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 28.135, 225.505 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, 148, 171) }
```

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

```
.border{ border-color:rgb(55, 148, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 148, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 148, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 148, 171);  
box-shadow:4px 4px 4px 4px rgb(55, 148,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 28.135, 225.505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 148, 171) }
```

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

```
.background{ background-color: rgb(55, 148,  
171) }
```

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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