

Converting Colors

CIELCh(57, 30.826, 274.010)

Have a look what the booklet for
CIELCh(57, 30.826, 274.010)
contains.

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Color

CIELCh(57, 30.925, 273.957)

Conversions

Conversions Part 1

Format	Color
Hex	688ABE
RGB	104, 138, 190
RGB Percent	41%, 54%, 75%
CMY	0.5913, 0.4580, 0.2540
CMYK	0.45, 0.27, 0.00, 0.25
HSL	216°, 40%, 58%
HSV	216°, 45%, 75%
XYZ	24.1735, 24.9227, 52.3827
YIQ	133.7620, -36.9560, 8.9640

Conversions

Conversions Part 2

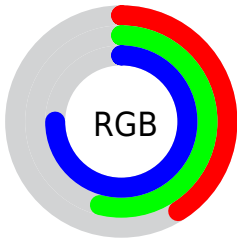
Format	Color
RYB	104, 128, 190
Decimal	6851262
CIELab	57.00, 2.13, -30.85
CIELCh	57, 30.925, 273.957
Yxy	24.9227, 0.2382, 0.2456
Android (android.graphics.Color)	4285041342 (0xFF688ABE)
YUV	133.7620, 27.7253, -26.1013
Hunter-Lab	49.9226, -0.9314, -27.2659

Details

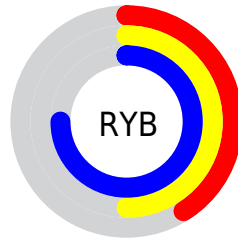
The CIELCh color $57, 30.925, 273.957$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $66, 32.415, 79.863$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 31.247, 274.553$, and $37, 30.957, 273.987$ is the 20% darker color. If you saturate the color by 10%, you get $53, 37.906, 276.659$, and if you desaturate by 10%, it is $61, 24.005, 271.640$.

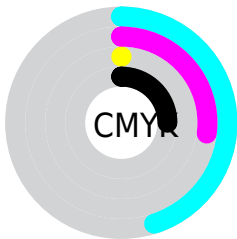
Distribution



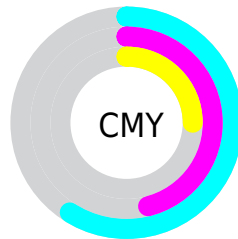
- Red (41%)
- Green (54%)
- Blue (75%)



- Red (41%)
- Yellow (50%)
- Blue (75%)



- Cyan (45%)
- Magenta (27%)
- Yellow (0%)
- Black (25%)





- Cyan (59%)
- Magenta (46%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 30.925, 273.957 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, 30.925, 273.957 by changing the saturation by 10% instead.


 57, 30.925,
273.957


 57, 30.925,
273.957


 100, 30.925,
273.957


 47, 30.925,
273.957


 77, 30.925,
273.957

 37, 30.925,
273.957

 87, 30.925,
273.957

 27, 30.925,
273.957

 97, 30.925,
273.957

 17, 30.925,
273.957

 7, 30.925, 273.957

 0, 30.925, 273.957

■ 57, 30.925,
273.957

■ 57, 30.925,
273.957

■ 53, 37.906,
276.659

■ 61, 24.005,
271.640

■ 49, 44.982,
279.771

■ 66, 17.132,
269.665

■ 44, 52.199,
283.274

■ 70, 10.302,
267.989

■ 41, 59.598,
287.086

■ 75, 3.520, 266.599

■ 79, 3.208, 85.196

■ 37, 67.177,
291.044

■ 84, 9.872, 84.185

■ 36, 70.863,
292.835

■ 88, 16.466, 83.266

■ 92, 22.738, 83.696

■ 95, 26.736, 97.143

Harmonies

Complementary

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



57, 30.925, 273.957



66, 32.415, 79.863

Rectangle

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



57, 30.925, 273.957



57, 30.925, 323.957



57, 30.925, 93.957



57, 30.925, 143.957

Sweetspot

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



57, 30.924, 273.957



90, 11.734, 267.839



71, 35.397, 164.664



47, 8.172, 268.176



99, 0.012, 296.813



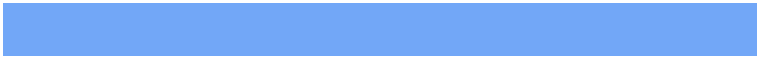
52, 0.007, 296.813

Same Dimension

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



57, 30.924, 273.957



68, 45.882, 276.561



48, 50.654, 299.229



38, 3.807, 267.134



29, 60.884, 292.254



3, 12.770, 275.629

Inverse Universe

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



55, 38.538, 354.988



65, 56.468, 356.735



75, 45.060, 110.497



37, 4.658, 350.501



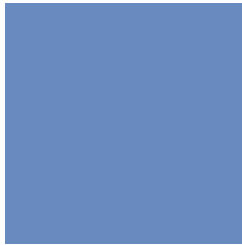
33, 59.307, 11.445



3, 13.267, 357.606

Previews

White Background



This preview shows how the CIELCh color 57, 30.925, 273.957 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 CIE LCh color 57, 30.925, 273.957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

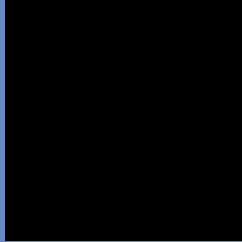
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

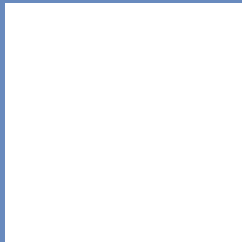
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 30.925, 273.957

Background



This preview shows how black text looks on a background with the CIELCh color 57, 30.925, 273.957.

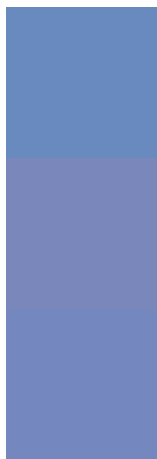


This preview shows how white text looks on a background with the CIELCh color 57, 30.925, 273.957.

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

57, 30.925, 273.957

Protanopia

57, 29.843, 284.874

Deuteranopia

57, 32.223, 283.709



Tritanopia
57, 17.996, 218.522

Trichromacy



Original Color
57, 30.925, 273.957

Protanomaly
57, 30.127, 280.828

Deuteranomaly
57, 31.928, 280.265

Tritanomaly
57, 19.951, 244.428

Monochromacy



Original Color
57, 30.925, 273.957

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 11.198, 266.501

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 30.925, 273.957 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(104, 138, 190)` looks like.

```
.text, #text, p{  
    color:rgb(104, 138, 190)  
}
```

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(104, 138, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 138, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 30.925, 273.957 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(104, 138, 190) }
```

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

```
.border{ border-color:rgb(104, 138, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 138, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 138, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 138, 190);  
box-shadow:4px 4px 4px 4px rgb(104, 138,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 30.925, 273.957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 138, 190) }
```

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

```
.background{ background-color: rgb(104,  
138, 190) }
```

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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