

Converting Colors

CIELCh(57, 15.289, 252.932)

Have a look what the booklet for
CIELCh(57, 15.289, 252.932)
contains.

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Color

CIELCh(57, 15.350, 254.139)

Conversions

Conversions Part 1

Format	Color
Hex	718CA2
RGB	113, 140, 162
RGB Percent	44%, 55%, 64%
CMY	0.5564, 0.4505, 0.3642
CMYK	0.30, 0.14, 0.00, 0.36
HSL	207°, 21%, 54%
HSV	207°, 30%, 64%
XYZ	22.7533, 24.9227, 37.8514
YIQ	134.4350, -23.1540, 1.1180

Conversions

Conversions Part 2

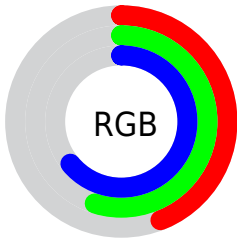
Format	Color
R_{YB}	113, 130, 162
Decimal	7441570
CIE _{Lab}	57.00, -4.20, -14.77
CIE _{LCh}	57, 15.350, 254.139
Yxy	24.9227, 0.2660, 0.2914
Android (android.graphics.Color)	4285631650 (0xFF718CA2)
YUV	134.4350, 13.5895, -18.7985
Hunter-Lab	49.9226, -6.0092, -10.0080

Details

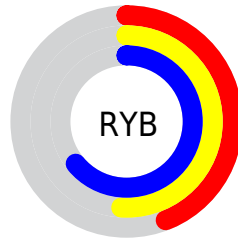
The CIELCh color $57, 15.350, 254.139$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $58, 17.110, 66.300$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 15.511, 255.576$, and $37, 15.224, 253.481$ is the 20% darker color. If you saturate the color by 10%, you get $54, 20.153, 256.208$, and if you desaturate by 10%, it is $60, 10.391, 252.414$.

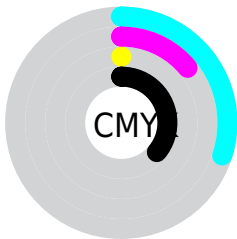
Distribution



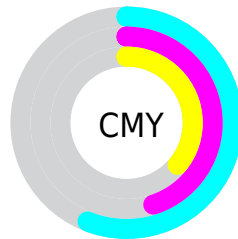
- Red (44%)
- Green (55%)
- Blue (64%)



- Red (44%)
- Yellow (51%)
- Blue (64%)



- Cyan (30%)
- Magenta (14%)
- Yellow (0%)
- Black (36%)





- Cyan (56%)
- Magenta (45%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 15.350, 254.139 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, 15.350, 254.139 by changing the saturation by 10% instead.


 57, 15.350,
254.139


 57, 15.350,
254.139


 100, 15.350,
254.139


 47, 15.350,
254.139


 77, 15.350,
254.139

 37, 15.350,
254.139

 87, 15.350,
254.139

 27, 15.350,
254.139

 97, 15.350,
254.139

 17, 15.350,
254.139

 7, 15.350, 254.139

 0, 15.350, 254.139

■ 57, 15.350,
254.139

■ 57, 15.350,
254.139

■ 54, 20.153,
256.208

■ 60, 10.391,
252.414

■ 51, 24.781,
258.695

■ 63, 5.307, 251.000

■ 67, 0.124, 252.531

■ 48, 29.228,
261.656

■ 70, 5.129, 68.629

■ 45, 33.511,
265.137

■ 73, 10.429, 67.793

■ 42, 37.683,
269.141

■ 76, 15.754, 67.060

■ 80, 21.087, 66.423

■ 40, 41.828,
273.601

■ 83, 26.415, 65.867

■ 38, 45.988,
278.070

■ 86, 30.571, 67.557

Harmonies

Complementary

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



57, 15.350, 254.139



58, 17.110, 66.300

Rectangle

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



57, 15.350, 254.139



57, 15.350, 304.139



57, 15.350, 74.139



57, 15.350, 124.139

Sweetspot

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



57, 15.349, 254.136



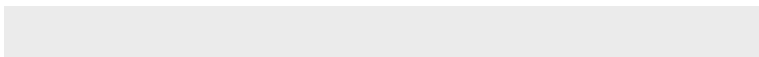
81, 5.808, 250.869



63, 24.266, 157.596



43, 4.063, 251.043



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



57, 15.349, 254.136



71, 22.519, 255.430



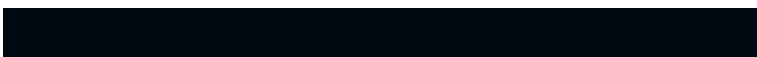
50, 26.745, 291.166



33, 2.954, 250.881



34, 42.099, 277.586



2, 4.795, 255.520

Inverse Universe

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



53, 24.646, 343.590



65, 36.454, 344.263



65, 25.142, 104.314



32, 4.571, 341.679



31, 56.583, 356.478



1, 6.795, 343.693

Previews

White Background



This preview shows how the CIELCh color 57, 15.350, 254.139 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, 15.350, 254.139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

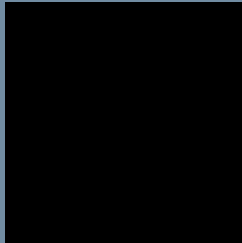
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

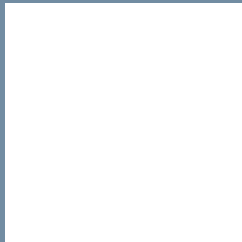
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 15.350, 254.139

Background



This preview shows how black text looks on a background with the CIELCh color 57, 15.350, 254.139.



This preview shows how white text looks on a background with the CIELCh color 57, 15.350, 254.139.

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, 15.350, 254.139

Protanopia

57, 13.732, 287.235

Deuteranopia

57, 17.789, 295.710



Tritanopia
57, 12.467, 228.917

Trichromacy



Original Color
57, 15.350, 254.139

Protanomaly
57, 13.690, 273.466

Deuteranomaly
57, 15.599, 281.465

Tritanomaly
57, 13.078, 239.795

Monochromacy



Original Color
57, 15.350, 254.139

Achromatopsia
56, 0.007, 296.813

Achromatomaly
57, 5.852, 250.732

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 15.350, 254.139 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(113, 140, 162)` looks like.

```
.text, #text, p{  
    color:rgb(113, 140, 162)  
}
```

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(113, 140, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 140, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 15.350, 254.139 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(113, 140, 162) }
```

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

```
.border{ border-color:rgb(113, 140, 162) }
```

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

Here you see how a box with a 4 pixel rgb(113, 140, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 140, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 140, 162);  
box-shadow:4px 4px 4px 4px rgb(113, 140,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 15.350, 254.139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 140, 162) }
```

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

```
.background{ background-color: rgb(113,  
140, 162) }
```

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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