

Converting Colors

CIELCh(57, 15.414, 202.772)

Have a look what the booklet for
CIELCh(57, 15.414, 202.772)
contains.

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Color

CIELCh(57, 15.223, 204.522)

Conversions

Conversions Part 1

Format	Color
Hex	659093
RGB	101, 144, 147
RGB Percent	40%, 56%, 58%
CMY	0.6029, 0.4343, 0.4225
CMYK	0.31, 0.02, 0.00, 0.42
HSL	184°, 19%, 49%
HSV	184°, 31%, 58%
XYZ	20.6959, 24.9227, 31.4318
YIQ	131.4850, -26.5910, -8.1830

Conversions

Conversions Part 2

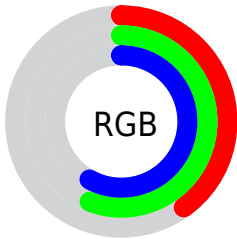
Format	Color
RYB	101, 123, 147
Decimal	6656147
CIELab	57.00, -13.85, -6.32
CIElCh	57, 15.223, 204.522
Yxy	24.9227, 0.2686, 0.3235
Android (android.graphics.Color)	4284846227 (0xFF659093)
YUV	131.4850, 7.6489, -26.7353
Hunter-Lab	49.9226, -13.3656, -2.3838

Details

The CIELCh color `57, 15.223, 204.522` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `48, 18.874, 26.954`, and the grayscale version is `55, 0.007, 296.813`.

A 20% lighter version of the original color is `77, 15.412, 204.336`, and `37, 15.405, 204.483` is the 20% darker color. If you saturate the color by 10%, you get `56, 19.256, 204.465`, and if you desaturate by 10%, it is `58, 10.725, 204.677`.

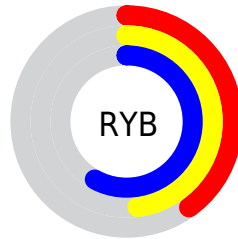
Distribution



Red (40%)

Green (56%)

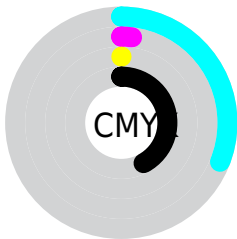
Blue (58%)



Red (40%)

Yellow (48%)

Blue (58%)

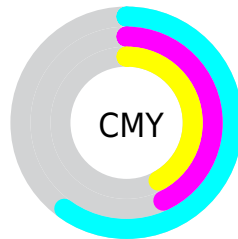


Cyan (31%)

Magenta (2%)

Yellow (0%)

Black (42%)



Cyan (60%)


Magenta (43%)


Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 15.223, 204.522 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, 15.223, 204.522 by changing the saturation by 10% instead.


 57, 15.223,
204.522


 57, 15.223,
204.522


 100, 15.223,
204.522


 47, 15.223,
204.522


 77, 15.223,
204.522

 37, 15.223,
204.522

 87, 15.223,
204.522

 27, 15.223,
204.522

 97, 15.223,
204.522

 17, 15.223,
204.522

 7, 15.223, 204.522

 0, 15.223, 204.522

■ 57, 15.223,
204.522

■ 57, 15.223,
204.522

■ 56, 19.256,
204.465

■ 58, 10.725,
204.677

■ 55, 22.742,
204.535

■ 59, 5.844, 204.942

■ 54, 25.615,
204.748

■ 61, 0.660, 205.834

■ 62, 4.756, 25.417

■ 53, 27.825,
205.124

■ 64, 10.341, 25.855

■ 53, 29.356,
205.685

■ 66, 16.043, 26.286

■ 67, 21.818, 26.730

■ 52, 30.232,
206.448

■ 69, 27.632, 27.184

■ 52, 30.649,
207.234

■ 71, 33.457, 27.642

Harmonies

Complementary

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



57, 15.223, 204.522



48, 18.874, 26.954

Rectangle

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



57, 15.223, 204.522



57, 15.223, 254.522



57, 15.223, 24.522



57, 15.223, 74.522

Sweetspot

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



57, 15.223, 204.518



76, 5.822, 205.014



57, 30.846, 143.644



40, 4.064, 204.966



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



57, 15.223, 204.518



72, 21.719, 204.471



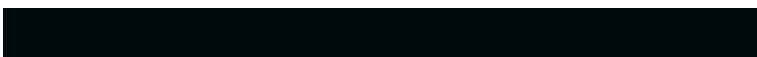
50, 16.200, 265.502



31, 2.963, 205.013



49, 29.198, 207.163



2, 2.654, 205.219

Inverse Universe

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



49, 30.534, 327.960



60, 44.554, 328.315



54, 17.173, 76.695



29, 5.524, 326.723



32, 69.529, 330.937



1, 4.804, 326.239

Previews

White Background



This preview shows how the CIELCh color 57, 15.223, 204.522 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, 15.223, 204.522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

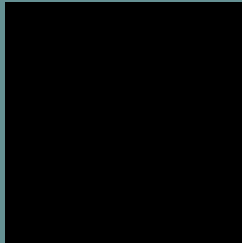
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 15.223, 204.522

Background



This preview shows how black text looks on a background with the CIELCh color 57, 15.223, 204.522.

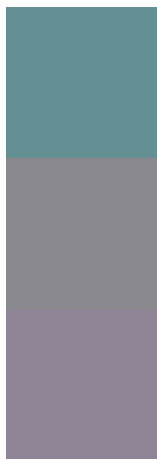


This preview shows how white text looks on a background with the CIELCh color 57, 15.223, 204.522.

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, 15.223, 204.522

Protanopia

57, 3.456, 297.004

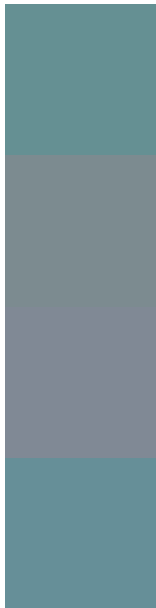
Deuteranopia

57, 10.483, 312.546



Tritanopia
57, 15.178, 225.275

Trichromacy



Original Color
57, 15.223, 204.522

Protanomaly
57, 6.248, 226.236

Deuteranomaly
57, 7.554, 264.671

Tritanomaly
57, 14.983, 218.377

Monochromacy



Original Color
57, 15.223, 204.522

Achromatopsia
55, 0.007, 296.813

Achromatomaly
56, 5.788, 210.380

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 15.223, 204.522 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(101, 144, 147)` looks like.

```
.text, #text, p{  
    color:rgb(101, 144, 147)  
}
```

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(101, 144, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 144, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 15.223, 204.522 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(101, 144, 147) }
```

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

```
.border{ border-color:rgb(101, 144, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 144, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 144, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 144, 147);  
box-shadow:4px 4px 4px 4px rgb(101, 144,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 15.223, 204.522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 144, 147) }
```

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

```
.background{ background-color: rgb(101,  
144, 147) }
```

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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