

Converting Colors

CIELCh(57, 15.609, 256.539)

Have a look what the booklet for
CIELCh(57, 15.609, 256.539)
contains.

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Color

CIELCh(57, 15.609, 256.539)

Conversions

Conversions Part 1

Format	Color
Hex	728CA3
RGB	114, 140, 163
RGB Percent	45%, 55%, 64%
CMY	0.5535, 0.4515, 0.3613
CMYK	0.30, 0.14, 0.00, 0.36
HSL	208°, 21%, 54%
HSV	208°, 30%, 64%
XYZ	22.8771, 24.9227, 38.1872
YIQ	134.8480, -22.8790, 1.6410

Conversions

Conversions Part 2

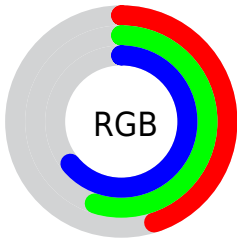
Format	Color
R_{YB}	114, 131, 163
Decimal	7507107
CIE _{Lab}	57.00, -3.63, -15.18
CIE _{LCh}	57, 15.609, 256.539
Yxy	24.9227, 0.2661, 0.2898
Android (android.graphics.Color)	4285697187 (0xFF728CA3)
YUV	134.8480, 13.8789, -18.2837
Hunter-Lab	49.9226, -5.5669, -10.4068

Details

The CIELCh color **57, 15.609, 256.539** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **59, 17.205, 68.509**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 15.767, 257.799**, and **37, 15.508, 256.081** is the 20% darker color. If you saturate the color by 10%, you get **54, 20.568, 258.634**, and if you desaturate by 10%, it is **60, 10.519, 254.785**.

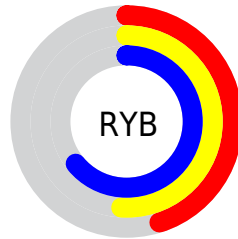
Distribution



Red (45%)

Green (55%)

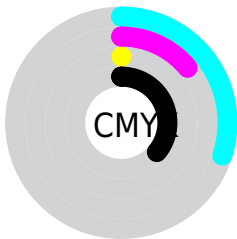
Blue (64%)



Red (45%)

Yellow (51%)

Blue (64%)

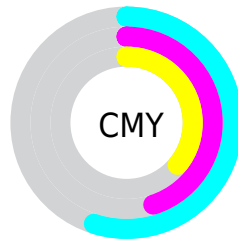


Cyan (30%)

Magenta (14%)

Yellow (0%)

Black (36%)



Cyan (55%)


Magenta (45%)


Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 15.609, 256.539 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, 15.609, 256.539 by changing the saturation by 10% instead.


 57, 15.609,
256.539


 57, 15.609,
256.539


 100, 15.609,
256.539


 47, 15.609,
256.539


 77, 15.609,
256.539

 37, 15.609,
256.539

 87, 15.609,
256.539

 27, 15.609,
256.539

 97, 15.609,
256.539

 17, 15.609,
256.539

 7, 15.609, 256.539

 0, 15.609, 256.539

■ 57, 15.609,
256.539

■ 57, 15.609,
256.539

■ 54, 20.568,
258.634

■ 60, 10.519,
254.785

■ 51, 25.383,
261.139

■ 64, 5.324, 253.339

■ 48, 30.049,
264.109

■ 67, 0.050, 258.739

■ 70, 5.279, 70.912

■ 45, 34.589,
267.582

■ 74, 10.642, 70.043

■ 42, 39.054,
271.554

■ 77, 16.019, 69.279

■ 80, 21.394, 68.613

■ 39, 43.528,
275.952

■ 84, 26.756, 68.030

■ 37, 48.098,
280.403

■ 87, 30.619, 70.562

Harmonies

Complementary

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



57, 15.609, 256.539



59, 17.205, 68.509

Rectangle

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



57, 15.609, 256.539



57, 15.609, 306.539



57, 15.609, 76.539



57, 15.609, 126.539

Sweetspot

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



57, 15.608, 256.536



81, 5.887, 253.222



63, 23.614, 159.222



43, 4.119, 253.401



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, 15.608, 256.536



70, 22.957, 257.875



50, 27.712, 292.517



33, 2.994, 253.235



33, 43.855, 279.912



2, 4.862, 257.486

Inverse Universe

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



54, 24.307, 344.675



65, 36.007, 345.386



65, 25.923, 105.877



32, 4.508, 342.726



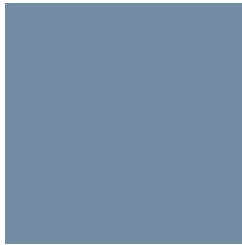
31, 56.235, 358.301



1, 6.709, 344.699

Previews

White Background



This preview shows how the CIELCh color 57, 15.609, 256.539 looks on a white background.

Color Contrast Check

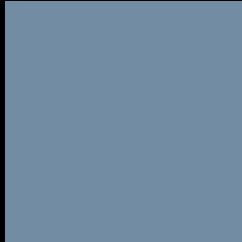
Large Text (above 18pt) WCAG AA ✓ Pass

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, 15.609, 256.539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

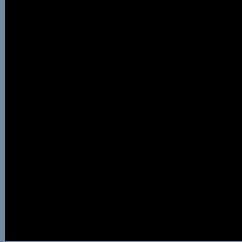
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

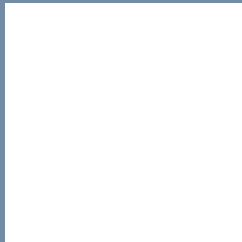
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 15.609, 256.539

Background



This preview shows how black text looks on a background with the CIELCh color 57, 15.609, 256.539.



This preview shows how white text looks on a background with the CIELCh color 57, 15.609, 256.539.

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, 15.609, 256.539

Protanopia

57, 14.300, 287.494

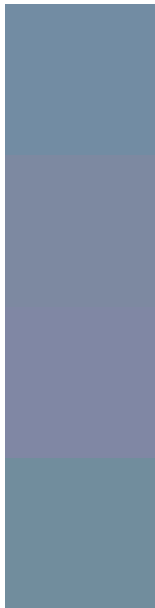
Deuteranopia

57, 17.789, 295.710



Tritanopia
57, 12.185, 229.717

Trichromacy



Original Color
57, 15.609, 256.539

Protanomaly
57, 14.227, 274.302

Deuteranomaly
57, 16.691, 283.569

Tritanomaly
57, 13.178, 242.824

Monochromacy



Original Color
57, 15.609, 256.539

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, 15.609, 256.539 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(114, 140, 163)` looks like.

```
.text, #text, p{  
    color:rgb(114, 140, 163)  
}
```

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(114, 140, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 140, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 15.609, 256.539 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(114, 140, 163) }
```

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

```
.border{ border-color:rgb(114, 140, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 140, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 140, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 140, 163);  
box-shadow:4px 4px 4px 4px rgb(114, 140,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 15.609, 256.539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 140, 163) }
```

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

```
.background{ background-color: rgb(114,  
140, 163) }
```

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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