

Converting Colors

CIELCh(63, 28.178, 257.735)

Have a look what the booklet for
CIELCh(63, 28.178, 257.735)
contains.

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Color

CIELCh(63, 28.247, 257.659)

Conversions

Conversions Part 1

Format	Color
Hex	689EC9
RGB	104, 158, 201
RGB Percent	41%, 62%, 79%
CMY	0.5924, 0.3806, 0.2120
CMYK	0.48, 0.21, 0.00, 0.21
HSL	207°, 47%, 60%
HSV	207°, 48%, 79%
XYZ	28.4537, 31.5869, 59.8165
YIQ	146.7560, -45.9870, 1.9250

Conversions

Conversions Part 2

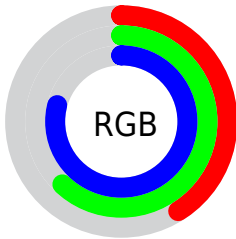
Format	Color
RYB	104, 139, 201
Decimal	6856393
CIELab	63.00, -6.04, -27.59
CIELCh	63, 28.247, 257.659
Yxy	31.5869, 0.2374, 0.2635
Android (android.graphics.Color)	4285046473 (0xFF689EC9)
YUV	146.7560, 26.7423, -37.4970
Hunter-Lab	56.2022, -7.9841, -23.7613

Details

The CIELCh color $63, 28.247, 257.659$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $65, 34.255, 63.651$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 26.873, 254.946$, and $43, 28.229, 257.621$ is the 20% darker color. If you saturate the color by 10%, you get $60, 33.502, 260.603$, and if you desaturate by 10%, it is $67, 22.759, 255.200$.

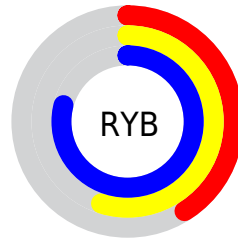
Distribution



Red (41%)

Green (62%)

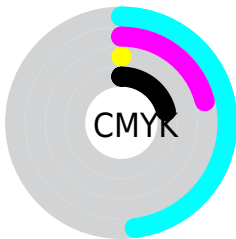
Blue (79%)



Red (41%)

Yellow (55%)

Blue (79%)

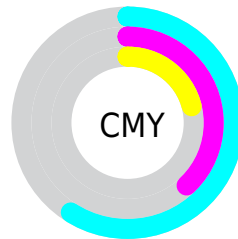


Cyan (48%)

Magenta (21%)

Yellow (0%)

Black (21%)



Cyan (59%)


Magenta (38%)


Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 28.247, 257.659 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 63, 28.247, 257.659 by changing the saturation by 10% instead.


 63, 28.247,
257.659


 63, 28.247,
257.659


 100, 28.247,
257.659


 53, 28.247,
257.659


 83, 28.247,
257.659

 43, 28.247,
257.659

 93, 28.247,
257.659

 33, 28.247,
257.659

 23, 28.247,
257.659

 13, 28.247,
257.659

 3, 28.247, 257.659

 0, 28.247, 257.659

63, 28.247,
257.659

63, 28.247,
257.659

60, 33.502,
260.603

67, 22.759,
255.200

56, 38.544,
264.084

70, 17.052,
253.160

53, 43.431,
268.114

74, 11.155,
251.475

50, 48.262,
272.630

78, 5.103, 250.105

47, 53.182,
277.421

82, 1.067, 68.455

85, 7.322, 67.792

47, 54.062,
278.212

89, 13.630, 66.975

92, 17.586, 75.129

95, 20.071, 90.058

Harmonies

Complementary

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



63, 28.247, 257.659



65, 34.255, 63.651

Rectangle

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



63, 28.247, 257.659



63, 28.247, 307.659



63, 28.247, 77.659



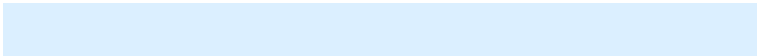
63, 28.247, 127.659

Sweetspot

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



63, 28.246, 257.658



94, 10.417, 250.878



74, 45.226, 155.383



49, 7.175, 251.192



0, 0.000, 0.000



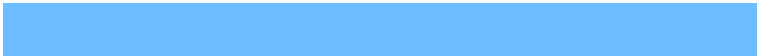
53, 0.007, 296.813

Same Dimension

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



63, 28.246, 257.658



74, 40.422, 260.778



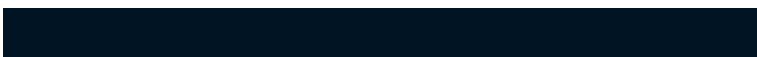
50, 52.816, 294.587



40, 3.466, 250.240



38, 45.701, 277.419



6, 13.121, 264.831

Inverse Universe

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



57, 46.517, 345.393



66, 66.249, 346.880



77, 47.074, 102.428



39, 5.407, 341.411



35, 61.627, 356.354



4, 18.470, 349.488

Previews

White Background



This preview shows how the CIE LCh color 63, 28.247, 257.659 looks on a white background.

Color Contrast Check

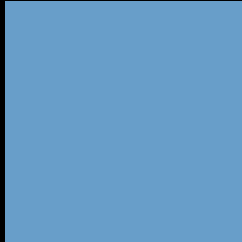
Large Text (above 18pt) WCAG AA × Fail

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 63, 28.247, 257.659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

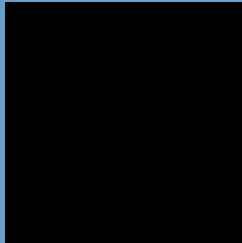
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 28.247, 257.659

Background



This preview shows how black text looks on a background with the CIELCh color 63, 28.247, 257.659.

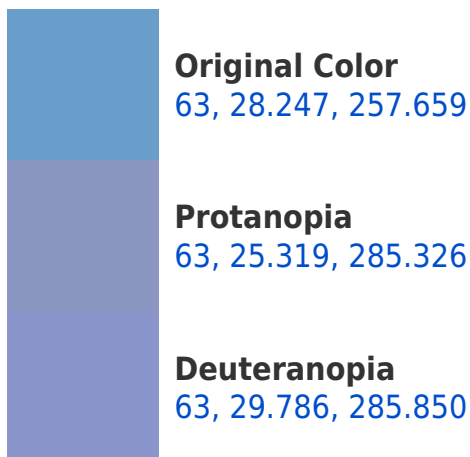


This preview shows how white text looks on a background with the CIELCh color 63, 28.247, 257.659.

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
63, 22.104, 218.714

Trichromacy



Original Color
63, 28.247, 257.659

Protanomaly
63, 25.675, 273.781

Deuteranomaly
63, 28.354, 275.576

Tritanomaly
63, 22.993, 234.109

Monochromacy



Original Color
63, 28.247, 257.659

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 11.291, 252.089

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 28.247, 257.659 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, 158, 201)` looks like.

```
.text, #text, p{  
    color:rgb(104, 158, 201)  
}
```

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, 158, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 158, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 28.247, 257.659 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, 158, 201) }
```

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

```
.border{ border-color:rgb(104, 158, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 158, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(104, 158, 201); -webkit-box-shadow:4px 4px 4px 4px rgb(104, 158, 201); box-shadow:4px 4px 4px 4px rgb(104, 158, 201) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 28.247, 257.659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 158, 201) }
```

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

```
.background{ background-color: rgb(104,  
158, 201) }
```

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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