

Converting Colors

CIELCh(63, 38.076, 273.153)

Have a look what the booklet for
CIELCh(63, 38.076, 273.153)
contains.

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Color

CIELCh(63, 38.051, 273.043)

Conversions

Conversions Part 1

Format	Color
Hex	6B9BDC
RGB	107, 155, 220
RGB Percent	42%, 61%, 86%
CMY	0.5818, 0.3934, 0.1386
CMYK	0.51, 0.30, 0.00, 0.14
HSL	214°, 62%, 64%
HSV	214°, 51%, 86%
XYZ	30.5599, 31.5869, 71.9526
YIQ	148.0580, -49.4730, 10.0390

Conversions

Conversions Part 2

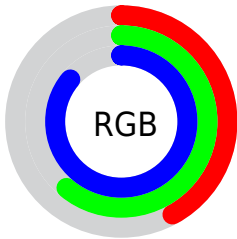
Format	Color
R _Y B	107, 141, 220
Decimal	7052252
CIE Lab	63.00, 2.02, -38.00
CIE LCh	63, 38.051, 273.043
Yxy	31.5869, 0.2279, 0.2355
Android (android.graphics.Color)	4285242332 (0xFF6B9BDC)
YUV	148.0580, 35.4674, -36.0079
Hunter-Lab	56.2022, -1.2948, -36.5641

Details

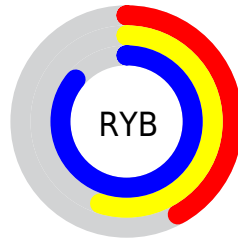
The CIELCh color **63, 38.051, 273.043** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **73, 41.136, 76.174**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 27.477, 262.019**, and **43, 38.334, 273.479** is the 20% darker color. If you saturate the color by 10%, you get **58, 45.497, 276.104**, and if you desaturate by 10%, it is **68, 30.638, 270.412**.

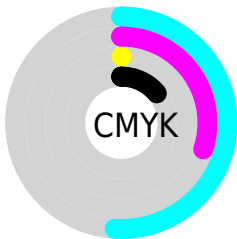
Distribution



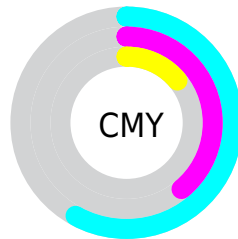
- Red (42%)
- Green (61%)
- Blue (86%)



- Red (42%)
- Yellow (55%)
- Blue (86%)



- Cyan (51%)
- Magenta (30%)
- Yellow (0%)
- Black (14%)





- Cyan (58%)
- Magenta (39%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 38.051, 273.043 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, 38.051, 273.043 by changing the saturation by 10% instead.


 63, 38.051,
273.043


 63, 38.051,
273.043


 100, 38.051,
273.043


 53, 38.051,
273.043


 83, 38.051,
273.043

 43, 38.051,
273.043

 93, 38.051,
273.043

 33, 38.051,
273.043

 23, 38.051,
273.043

 13, 38.051,
273.043

 3, 38.051, 273.043

 0, 38.051, 273.043

63, 38.051,
273.043

63, 38.051,
273.043

58, 45.497,
276.104

68, 30.638,
270.412

54, 53.028,
279.599

72, 23.236,
268.172

50, 60.709,
283.474

77, 15.835,
266.276

46, 68.593,
287.594

82, 8.443, 264.677

43, 75.503,
291.078

87, 1.071, 263.569

92, 6.267, 82.025

96, 12.725, 89.050

99, 17.876,
108.826

Harmonies

Complementary

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



63, 38.051, 273.043



73, 41.136, 76.174

Rectangle

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



63, 38.051, 273.043



63, 38.051, 323.043



63, 38.051, 93.043



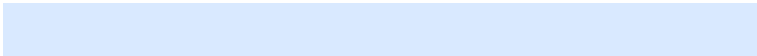
63, 38.051, 143.043

Sweetspot

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



63, 38.050, 273.043



92, 12.494, 265.233



80, 45.907, 161.777



48, 8.526, 265.571



0, 0.000, 0.000



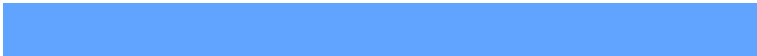
53, 0.007, 296.813

Same Dimension

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



63, 38.050, 273.043



67, 51.825, 276.459



51, 65.616, 299.434



44, 4.182, 264.390



34, 62.227, 290.383



6, 20.228, 280.125

Inverse Universe

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



60, 49.622, 354.126



64, 65.956, 356.368



85, 56.898, 108.462



43, 5.371, 348.692



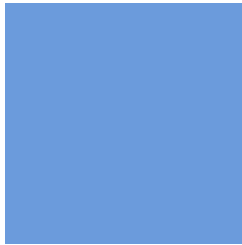
37, 63.288, 8.982



6, 24.448, 359.612

Previews

White Background



This preview shows how the CIE LCh color 63, 38.051, 273.043 looks on a white background.

Color Contrast Check

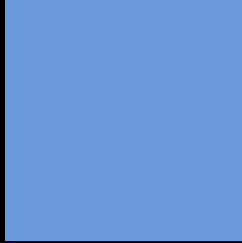
Large Text (above 18pt) WCAG AA × Fail

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, 38.051, 273.043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

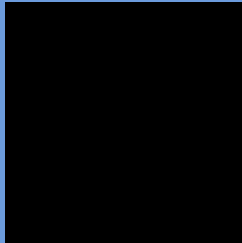
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

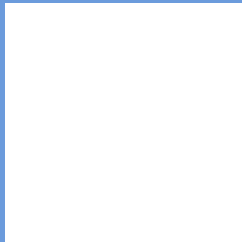
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 38.051, 273.043

Background



This preview shows how black text looks on a background with the CIELCh color 63, 38.051, 273.043.

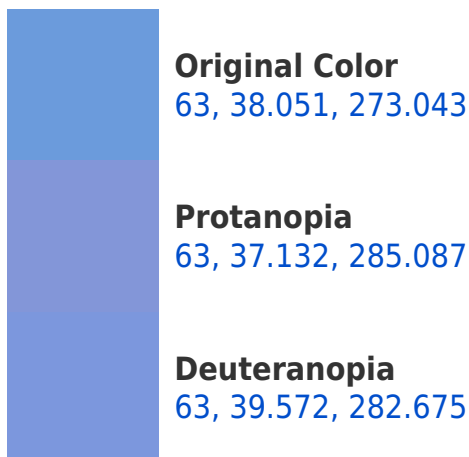


This preview shows how white text looks on a background with the CIELCh color 63, 38.051, 273.043.

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, 23.195, 216.090

Trichromacy



Original Color
63, 38.051, 273.043

Protanomaly
63, 37.008, 280.043

Deuteranomaly
63, 39.339, 279.691

Tritanomaly
63, 25.459, 243.349

Monochromacy



Original Color
63, 38.051, 273.043

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 14.563, 267.565

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 38.051, 273.043 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(107, 155, 220)` looks like.

```
.text, #text, p{  
    color:rgb(107, 155, 220)  
}
```

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(107, 155, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 155, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 38.051, 273.043 is called "border". The border property can be set on classes, ids or directly on the HTML element.

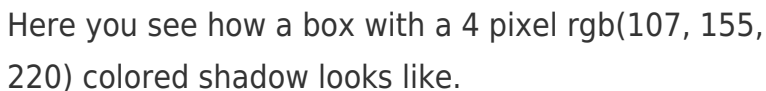
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(107, 155, 220) }
```

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

```
.border{ border-color:rgb(107, 155, 220) }
```

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



Here you see how a box with a 4 pixel `rgb(107, 155, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 155, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 155, 220);  
box-shadow:4px 4px 4px 4px rgb(107, 155,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 38.051, 273.043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 155, 220) }
```

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

```
.background{ background-color: rgb(107,  
155, 220) }
```

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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