

Converting Colors

CIELCh(62, 35.214, 270.091)

Have a look what the booklet for
CIELCh(62, 35.214, 270.091)
contains.

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Color

CIELCh(62, 35.214, 270.091)

Conversions

Conversions Part 1

Format	Color
Hex	6899D4
RGB	104, 153, 212
RGB Percent	41%, 60%, 83%
CMY	0.5929, 0.4007, 0.1693
CMYK	0.51, 0.28, 0.00, 0.17
HSL	213°, 56%, 62%
HSV	213°, 51%, 83%
XYZ	28.9111, 30.4025, 66.5105
YIQ	145.0750, -48.1430, 7.9610

Conversions

Conversions Part 2

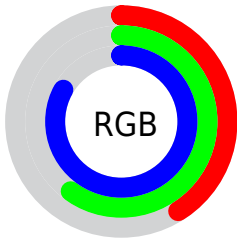
Format	Color
RYB	104, 138, 212
Decimal	6855124
CIELab	62.00, 0.06, -35.21
CIELCh	62, 35.214, 270.091
Yxy	30.4025, 0.2298, 0.2416
Android (android.graphics.Color)	4285045204 (0xFF6899D4)
YUV	145.0750, 32.9940, -36.0228
Hunter-Lab	55.1385, -2.8983, -32.9213

Details

The CIELCh color **62, 35.214, 270.091** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **70, 39.057, 73.531**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 28.520, 262.850**, and **42, 35.333, 270.240** is the 20% darker color. If you saturate the color by 10%, you get **58, 42.016, 273.163**, and if you desaturate by 10%, it is **66, 28.385, 267.462**.

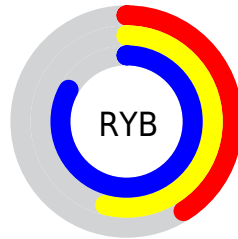
Distribution



Red (41%)

Green (60%)

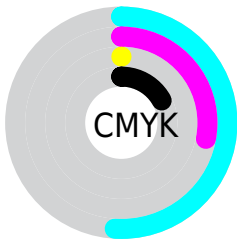
Blue (83%)



Red (41%)

Yellow (54%)

Blue (83%)

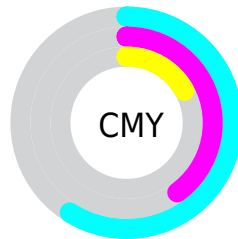


Cyan (51%)

Magenta (28%)

Yellow (0%)

Black (17%)



Cyan (59%)


Magenta (40%)


Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 35.214, 270.091 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 62, 35.214, 270.091 by changing the saturation by 10% instead.


 62, 35.214,
270.091


 62, 35.214,
270.091


 100, 35.214,
270.091


 52, 35.214,
270.091


 82, 35.214,
270.091

 42, 35.214,
270.091

 92, 35.214,
270.091

 32, 35.214,
270.091

 22, 35.214,
270.091

 12, 35.214,
270.091

 2, 35.214, 270.091

 0, 35.214, 270.091

62, 35.214,
270.091

62, 35.214,
270.091

58, 42.016,
273.163

66, 28.385,
267.462

54, 48.840,
276.693

71, 21.514,
265.234

50, 55.755,
280.637

75, 14.599,
263.353

46, 62.836,
284.875

80, 7.654, 261.775

43, 69.408,
288.691

84, 0.695, 260.868

89, 6.260, 79.151

94, 13.193, 78.179

97, 17.451, 96.998

99, 21.816,
108.525

Harmonies

Complementary

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



62, 35.214, 270.091



70, 39.057, 73.531

Rectangle

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



62, 35.214, 270.091



62, 35.214, 320.091



62, 35.214, 90.091



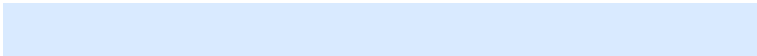
62, 35.214, 140.091

Sweetspot

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



62, 35.213, 270.091



92, 12.141, 262.398



78, 45.538, 159.999



48, 8.281, 262.736



0, 0.000, 0.000



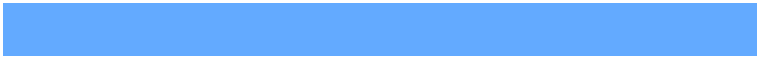
53, 0.007, 296.813

Same Dimension

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



62, 35.213, 270.091



69, 48.847, 273.383



49, 63.095, 298.497



43, 3.991, 261.556



35, 58.228, 288.012



6, 18.345, 276.933

Inverse Universe

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



58, 48.394, 352.113



64, 65.777, 354.115



83, 54.746, 106.937



42, 5.365, 346.988



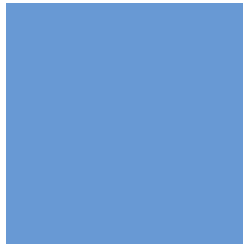
36, 62.538, 6.137



5, 23.110, 357.312

Previews

White Background



This preview shows how the CIE LCh color 62, 35.214, 270.091 looks on a white background.

Color Contrast Check

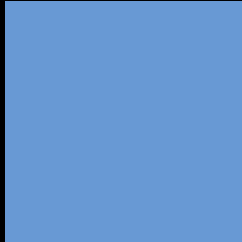
Large Text (above 18pt) WCAG AA × Fail

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 62, 35.214, 270.091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

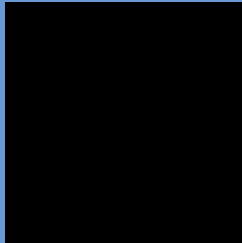
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

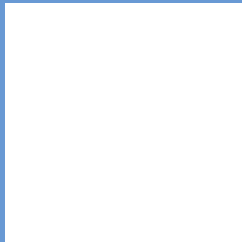
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 35.214, 270.091

Background



This preview shows how black text looks on a background with the CIELCh color 62, 35.214, 270.091.

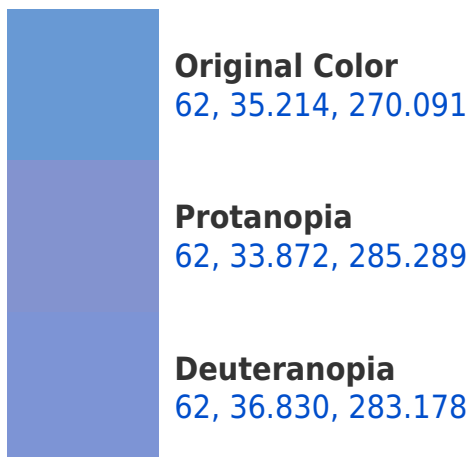


This preview shows how white text looks on a background with the CIELCh color 62, 35.214, 270.091.

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](#).

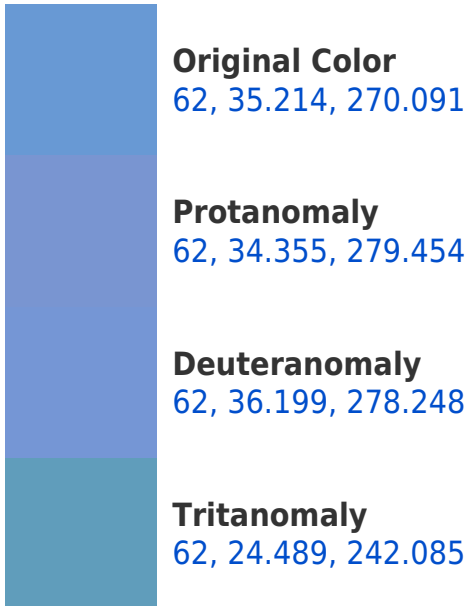
Dichromacy



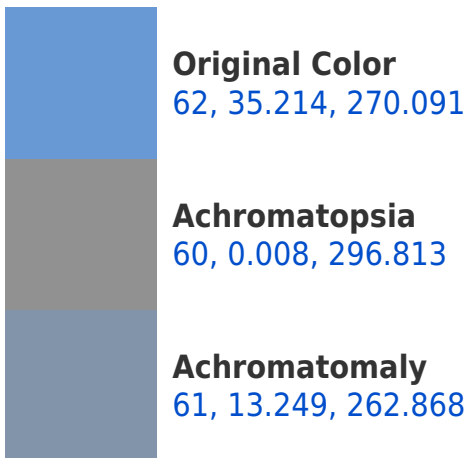


Tritanopia
62, 22.711, 216.582

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 35.214, 270.091 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, 153, 212)` looks like.

```
.text, #text, p{  
    color:rgb(104, 153, 212)  
}
```

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, 153, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 153, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 35.214, 270.091 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, 153, 212) }
```

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

```
.border{ border-color:rgb(104, 153, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 153, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 153, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 153, 212);  
box-shadow:4px 4px 4px 4px rgb(104, 153,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 35.214, 270.091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 153, 212) }
```

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

```
.background{ background-color: rgb(104,  
153, 212) }
```

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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