

Converting Colors

CIELCh(62, 42.684, 271.362)

Have a look what the booklet for
CIELCh(62, 42.684, 271.362)
contains.

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Color

CIELCh(62, 42.684, 271.362)

Conversions

Conversions Part 1

Format	Color
Hex	5999E1
RGB	89, 153, 225
RGB Percent	35%, 60%, 88%
CMY	0.6503, 0.3995, 0.1171
CMYK	0.60, 0.32, 0.00, 0.12
HSL	212°, 69%, 62%
HSV	212°, 60%, 88%
XYZ	29.1591, 30.4025, 75.6708
YIQ	142.0720, -61.2560, 8.8240

Conversions

Conversions Part 2

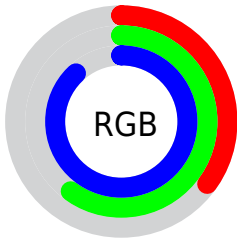
Format	Color
R _Y B	89, 133, 225
Decimal	5872097
CIE Lab	62.00, 1.01, -42.67
CIE LCh	62, 42.684, 271.362
Yxy	30.4025, 0.2156, 0.2248
Android (android.graphics.Color)	4284062177 (0xFF5999E1)
YUV	142.0720, 40.8835, -46.5441
Hunter-Lab	55.1385, -2.0956, -42.7712

Details

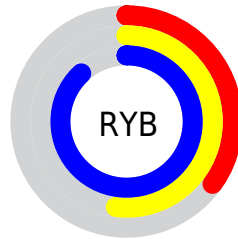
The CIELCh color **62, 42.684, 271.362** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **71, 49.074, 70.593**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 30.096, 257.281**, and **42, 42.748, 271.549** is the 20% darker color. If you saturate the color by 10%, you get **58, 49.566, 274.924**, and if you desaturate by 10%, it is **66, 35.783, 268.277**.

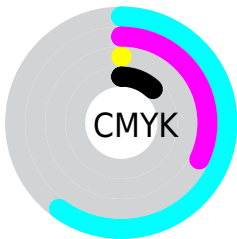
Distribution



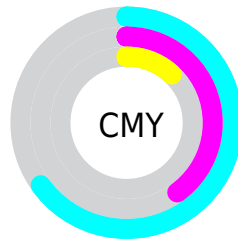
- Red (35%)
- Green (60%)
- Blue (88%)



- Red (35%)
- Yellow (52%)
- Blue (88%)



- Cyan (60%)
- Magenta (32%)
- Yellow (0%)
- Black (12%)





- Cyan (65%)
- Magenta (40%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 42.684, 271.362 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, 42.684, 271.362 by changing the saturation by 10% instead.


 62, 42.684,
271.362


 62, 42.684,
271.362


 100, 42.684,
271.362


 52, 42.684,
271.362


 82, 42.684,
271.362

 42, 42.684,
271.362

 92, 42.684,
271.362

 32, 42.684,
271.362

 22, 42.684,
271.362

 12, 42.684,
271.362

 2, 42.684, 271.362

 0, 42.684, 271.362

62, 42.684,
271.362

62, 42.684,
271.362

58, 49.566,
274.924

66, 35.783,
268.277

54, 56.508,
278.924

71, 28.820,
265.646

50, 63.600,
283.248

75, 21.780,
263.424

47, 70.626,
287.436

80, 14.666,
261.555

85, 7.497, 259.994

89, 0.294, 259.879

94, 6.920, 77.397

98, 12.102, 97.984

99, 15.103,

Harmonies

Complementary

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



62, 42.684, 271.362



71, 49.074, 70.593

Rectangle

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



62, 42.684, 271.362



62, 42.684, 321.362



62, 42.684, 91.362



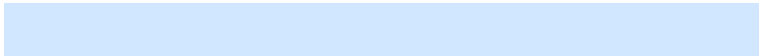
62, 42.684, 141.362

Sweetspot

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



62, 42.683, 271.363



91, 14.328, 261.175



81, 56.208, 157.647



47, 9.948, 261.668



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, 42.683, 271.363



64, 56.050, 275.730



45, 79.923, 300.076



45, 4.085, 259.861



37, 57.760, 286.672



7, 19.922, 277.575

Inverse Universe

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



58, 59.451, 352.766



60, 74.781, 355.521



87, 66.666, 105.400



44, 5.635, 346.041



38, 63.956, 4.652



6, 26.158, 356.900

Previews

White Background



This preview shows how the CIE LCh color 62, 42.684, 271.362 looks on a white background.

Color Contrast Check

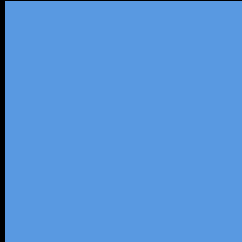
Large Text (above 18pt) WCAG AA × Fail

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, 42.684, 271.362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

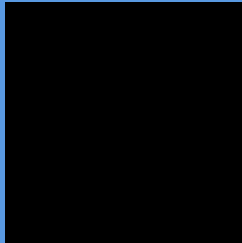
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

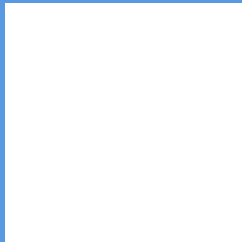
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 42.684, 271.362

Background



This preview shows how black text looks on a background with the CIELCh color 62, 42.684, 271.362.

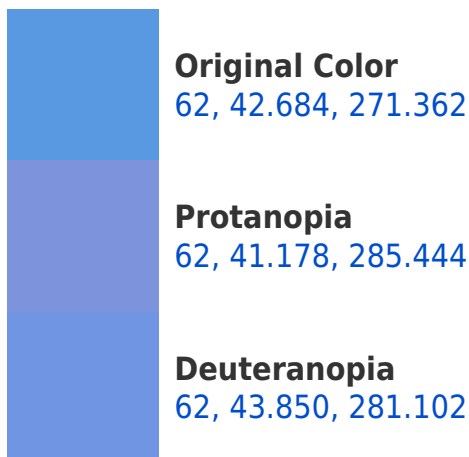


This preview shows how white text looks on a background with the CIELCh color 62, 42.684, 271.362.

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](#).

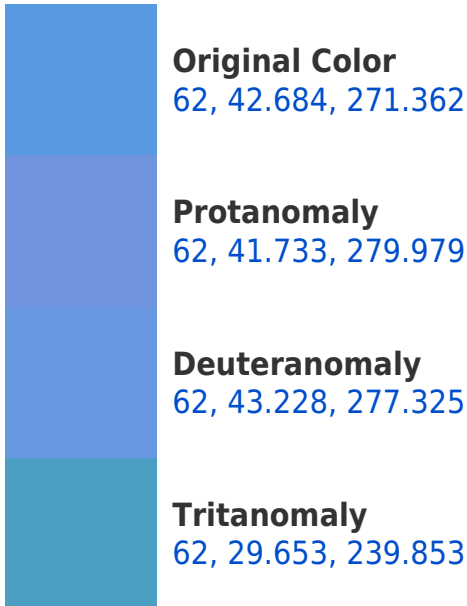
Dichromacy



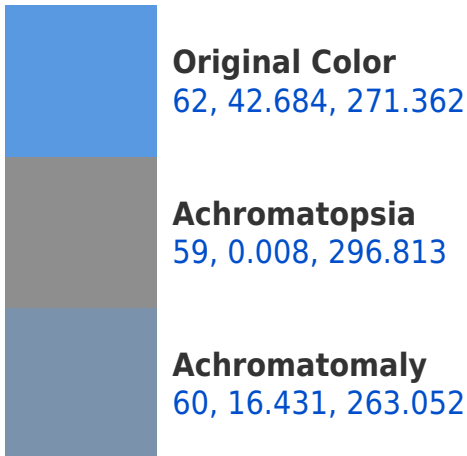


Tritanopia
62, 28.330, 212.277

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 42.684, 271.362 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(89, 153, 225)` looks like.

```
.text, #text, p{  
    color:rgb(89, 153, 225)  
}
```

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(89, 153, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 153, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 42.684, 271.362 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(89, 153, 225) }
```

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

```
.border{ border-color:rgb(89, 153, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 153, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 153, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 153, 225);  
box-shadow:4px 4px 4px 4px rgb(89, 153,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 42.684, 271.362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 153, 225) }
```

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

```
.background{ background-color: rgb(89, 153,  
225) }
```

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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