

Converting Colors

CIELCh(62, 30.841, 274.131)

Have a look what the booklet for
CIELCh(62, 30.841, 274.131)
contains.

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Color

CIELCh(62, 30.951, 274.255)

Conversions

Conversions Part 1

Format	Color
Hex	7697CC
RGB	118, 151, 204
RGB Percent	46%, 59%, 80%
CMY	0.5367, 0.4073, 0.1995
CMYK	0.42, 0.26, 0.00, 0.20
HSL	217°, 46%, 63%
HSV	217°, 42%, 80%
XYZ	29.4929, 30.4025, 61.5277
YIQ	147.1750, -36.6810, 9.4870

Conversions

Conversions Part 2

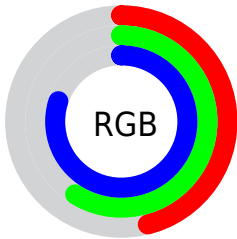
Format	Color
R_{YB}	118, 142, 204
Decimal	7772108
CIE _{Lab}	62.00, 2.30, -30.87
CIE _{LCh}	62, 30.951, 274.255
Yxy	30.4025, 0.2429, 0.2504
Android (android.graphics.Color)	4285962188 (0xFF7697CC)
YUV	147.1750, 28.0147, -25.5865
Hunter-Lab	55.1385, -1.0150, -27.5633

Details

The CIELCh color **62, 30.951, 274.255** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **72, 32.117, 81.303**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 27.959, 271.559**, and **42, 31.379, 274.905** is the 20% darker color. If you saturate the color by 10%, you get **57, 38.477, 276.839**, and if you desaturate by 10%, it is **67, 23.502, 272.043**.

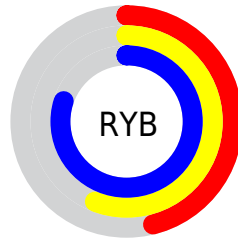
Distribution



Red (46%)

Green (59%)

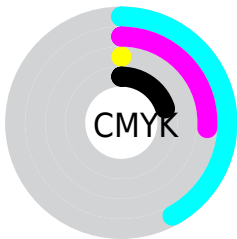
Blue (80%)



Red (46%)

Yellow (56%)

Blue (80%)

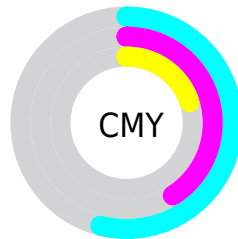


Cyan (42%)

Magenta (26%)

Yellow (0%)

Black (20%)



Cyan (54%)


Magenta (41%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 30.951, 274.255 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, 30.951, 274.255 by changing the saturation by 10% instead.


 62, 30.951,
274.255


 62, 30.951,
274.255


 100, 30.951,
274.255


 52, 30.951,
274.255


 82, 30.951,
274.255

 42, 30.951,
274.255

 92, 30.951,
274.255

 32, 30.951,
274.255

 22, 30.951,
274.255

 12, 30.951,
274.255

 2, 30.951, 274.255

 0, 30.951, 274.255

62, 30.951,
274.255

62, 30.951,
274.255

57, 38.477,
276.839

67, 23.502,
272.043

53, 46.113,
279.826

71, 16.120,
270.160

48, 53.903,
283.210

76, 8.799, 268.564

44, 61.892,
286.925

81, 1.544, 267.337

86, 5.639, 85.918

40, 70.079,
290.826

91, 12.742, 84.920

38, 76.617,
293.807

95, 18.895, 90.377

98, 24.136,
105.467

99, 25.666,
108.230

Harmonies

Complementary

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



62, 30.951, 274.255



72, 32.117, 81.303

Rectangle

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



62, 30.951, 274.255



62, 30.951, 324.255



62, 30.951, 94.255



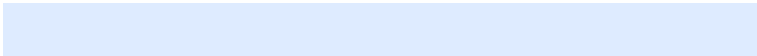
62, 30.951, 144.255

Sweetspot

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



62, 30.950, 274.255



93, 11.302, 268.718



76, 35.134, 165.038



48, 7.916, 269.058



0, 0.000, 0.000



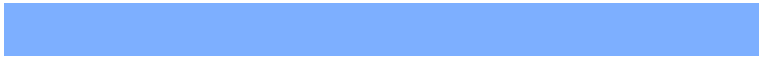
53, 0.007, 296.813

Same Dimension

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



62, 30.950, 274.255



71, 45.082, 276.710



54, 49.709, 298.800



40, 4.109, 268.176



30, 64.593, 293.202



4, 17.314, 279.472

Inverse Universe

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



60, 37.875, 355.304



69, 54.646, 356.968



80, 44.639, 110.712



40, 4.935, 351.236



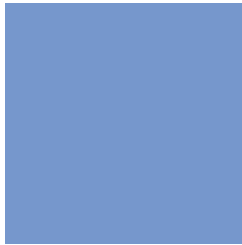
35, 61.568, 12.774



4, 18.984, 0.459

Previews

White Background



This preview shows how the CIELCh color 62, 30.951, 274.255 looks on a white background.

Color Contrast Check

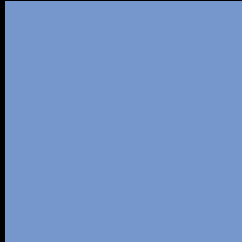
Large Text (above 18pt) WCAG AA × Fail

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, 30.951, 274.255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

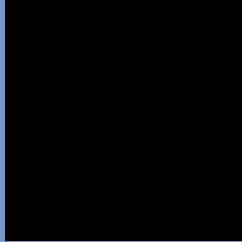
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

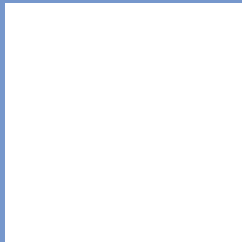
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 30.951, 274.255

Background



This preview shows how black text looks on a background with the CIELCh color 62, 30.951, 274.255.



This preview shows how white text looks on a background with the CIELCh color 62, 30.951, 274.255.

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
62, 30.951, 274.255

Protanopia
62, 30.474, 285.565

Deuteranopia
62, 32.741, 285.358



Tritanopia
62, 17.426, 223.095

Trichromacy



Original Color
62, 30.951, 274.255

Protanomaly
62, 30.213, 280.671

Deuteranomaly
62, 31.883, 281.092

Tritanomaly
62, 20.156, 247.736

Monochromacy



Original Color
62, 30.951, 274.255

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 11.408, 269.198

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 30.951, 274.255 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(118, 151, 204)` looks like.

```
.text, #text, p{  
    color:rgb(118, 151, 204)  
}
```

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(118, 151, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 151, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 30.951, 274.255 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(118, 151, 204) }
```

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

```
.border{ border-color:rgb(118, 151, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 151, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 151, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 151, 204);  
box-shadow:4px 4px 4px 4px rgb(118, 151,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 30.951, 274.255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 151, 204) }
```

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

```
.background{ background-color: rgb(118,  
151, 204) }
```

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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