

Converting Colors

CIELCh(62, 31.561, 281.509)

Have a look what the booklet for
CIELCh(62, 31.561, 281.509)
contains.

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Color

CIELCh(62, 31.292, 281.309)

Conversions

Conversions Part 1

Format	Color
Hex	8095CC
RGB	128, 149, 204
RGB Percent	50%, 58%, 80%
CMY	0.4984, 0.4160, 0.2004
CMYK	0.37, 0.27, 0.00, 0.20
HSL	223°, 43%, 65%
HSV	223°, 37%, 80%
XYZ	30.5080, 30.4025, 61.3255
YIQ	148.9910, -30.1710, 12.6530

Conversions

Conversions Part 2

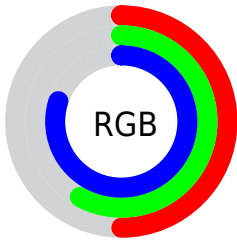
Format	Color
R_{YB}	128, 144, 204
Decimal	8426956
CIE _{Lab}	62.00, 6.14, -30.68
CIE _{LCh}	62, 31.292, 281.309
Yxy	30.4025, 0.2496, 0.2487
Android (android.graphics.Color)	4286617036 (0xFF8095CC)
YUV	148.9910, 27.1194, -18.4091
Hunter-Lab	55.1385, 2.2713, -27.3459

Details

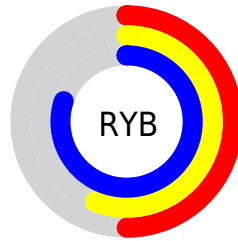
The CIELCh color **62, 31.292, 281.309** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **75, 30.726, 90.743**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 28.085, 279.529**, and **42, 31.267, 280.944** is the 20% darker color. If you saturate the color by 10%, you get **57, 40.185, 283.550**, and if you desaturate by 10%, it is **67, 22.627, 279.385**.

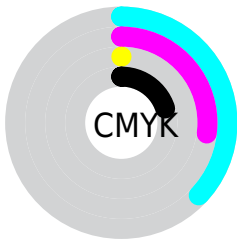
Distribution



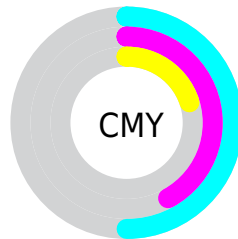
- Red (50%)
- Green (58%)
- Blue (80%)



- Red (50%)
- Yellow (56%)
- Blue (80%)



- Cyan (37%)
- Magenta (27%)
- Yellow (0%)
- Black (20%)





- Cyan (50%)
- Magenta (42%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 31.292, 281.309 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, 31.292, 281.309 by changing the saturation by 10% instead.


 62, 31.292,
281.309


 62, 31.292,
281.309


 100, 31.292,
281.309


 52, 31.292,
281.309


 82, 31.292,
281.309

 42, 31.292,
281.309

 92, 31.292,
281.309

 32, 31.292,
281.309

 22, 31.292,
281.309

 12, 31.292,
281.309

 2, 31.292, 281.309

 0, 31.292, 281.309

62, 31.292,
281.309

62, 31.292,
281.309

57, 40.185,
283.550

67, 22.627,
279.385

51, 49.341,
286.137

73, 14.171,
277.742

46, 58.784,
289.065

78, 5.905, 276.350

42, 68.501,
292.276

83, 2.181, 95.005

89, 10.092, 94.029

37, 78.362,
295.630

94, 17.835, 93.124

33, 88.022,
298.891

98, 24.445,
105.839

32, 90.566,
299.689

99, 25.784,
108.221

Harmonies

Complementary

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



62, 31.292, 281.309



75, 30.726, 90.743

Rectangle

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



62, 31.292, 281.309



62, 31.292, 331.309



62, 31.292, 101.309



62, 31.292, 151.309

Sweetspot

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



62, 31.291, 281.309



93, 10.752, 276.859



77, 28.614, 173.359



49, 7.235, 277.049



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, 31.291, 281.309



71, 45.769, 283.150



58, 43.711, 301.773



40, 4.618, 276.624



26, 76.504, 299.207



3, 19.124, 284.376

Inverse Universe

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



62, 32.147, 2.054



72, 46.838, 3.523



79, 40.149, 116.170



40, 4.661, 358.449



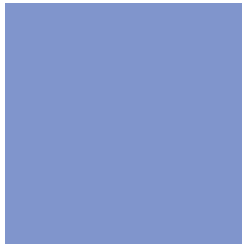
35, 64.085, 22.703



4, 18.458, 6.054

Previews

White Background



This preview shows how the CIELCh color 62, 31.292, 281.309 looks on a white background.

Color Contrast Check

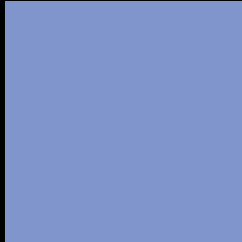
Large Text (above 18pt) WCAG AA × Fail

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, 31.292, 281.309 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

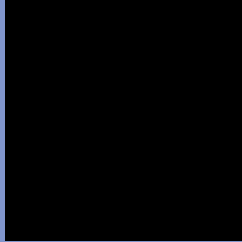
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 31.292, 281.309

Background



This preview shows how black text looks on a background with the CIELCh color 62, 31.292, 281.309.



This preview shows how white text looks on a background with the CIELCh color 62, 31.292, 281.309.

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, 31.292, 281.309

Protanopia

62, 31.059, 284.630

Deuteranopia

62, 31.607, 284.869



Tritanopia
62, 14.251, 226.796

Trichromacy



Original Color
62, 31.292, 281.309

Protanomaly
62, 31.139, 283.518

Deuteranomaly
62, 31.685, 283.779

Tritanomaly
62, 18.471, 257.695

Monochromacy



Original Color
62, 31.292, 281.309

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 11.531, 276.949

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 31.292, 281.309 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(128, 149, 204)` looks like.

```
.text, #text, p{  
    color:rgb(128, 149, 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(128, 149, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 149, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 31.292, 281.309 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(128, 149, 204) }
```

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

```
.border{ border-color:rgb(128, 149, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 149, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 149, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 149, 204);  
box-shadow:4px 4px 4px 4px rgb(128, 149,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 31.292, 281.309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 149, 204) }
```

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

```
.background{ background-color: rgb(128,  
149, 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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