

Converting Colors

CIELCh(62, 21.759, 246.971)

Have a look what the booklet for
CIELCh(62, 21.759, 246.971)
contains.

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Color

CIELCh(62, 21.803, 247.181)

Conversions

Conversions Part 1

Format	Color
Hex	6C9CB9
RGB	108, 156, 185
RGB Percent	42%, 61%, 73%
CMY	0.5770, 0.3888, 0.2751
CMYK	0.42, 0.16, 0.00, 0.28
HSL	203°, 35%, 57%
HSV	203°, 42%, 72%
XYZ	26.7708, 30.4025, 50.2718
YIQ	144.9540, -37.9170, -1.1570

Conversions

Conversions Part 2

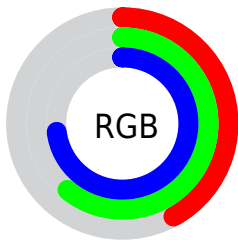
Format	Color
R _Y B	108, 138, 185
Decimal	7118009
CIE Lab	62.00, -8.46, -20.10
CIE LCh	62, 21.803, 247.181
Yxy	30.4025, 0.2492, 0.2830
Android (android.graphics.Color)	4285308089 (0xFF6C9CB9)
YUV	144.9540, 19.7427, -32.4087
Hunter-Lab	55.1385, -9.8272, -15.4599

Details

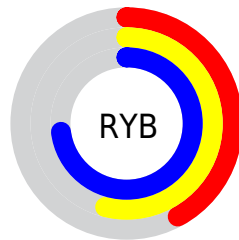
The CIELCh color **62, 21.803, 247.181** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **61, 26.972, 57.338**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 21.916, 247.620**, and **42, 21.769, 247.233** is the 20% darker color. If you saturate the color by 10%, you get **59, 26.322, 249.590**, and if you desaturate by 10%, it is **65, 16.961, 245.213**.

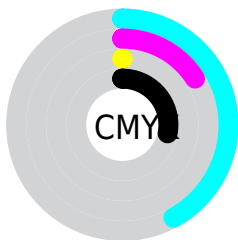
Distribution



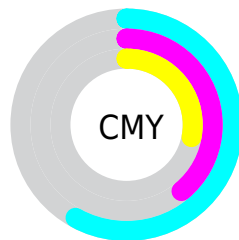
- Red (42%)
- Green (61%)
- Blue (73%)



- Red (42%)
- Yellow (54%)
- Blue (73%)



- Cyan (42%)
- Magenta (16%)
- Yellow (0%)
- Black (28%)





- Cyan (58%)
- Magenta (39%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 21.803, 247.181 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, 21.803, 247.181 by changing the saturation by 10% instead.


 62, 21.803,
247.181


 62, 21.803,
247.181


 100, 21.803,
247.181


 52, 21.803,
247.181


 82, 21.803,
247.181

 42, 21.803,
247.181

 92, 21.803,
247.181

 32, 21.803,
247.181

 22, 21.803,
247.181

 12, 21.803,
247.181

 2, 21.803, 247.181

 0, 21.803, 247.181

62, 21.803,
247.181

62, 21.803,
247.181

59, 26.322,
249.590

65, 16.961,
245.213

56, 30.498,
252.522

68, 11.838,
243.617

54, 34.340,
256.043

71, 6.480, 242.336

51, 37.904,
260.178

75, 0.936, 241.659

78, 4.752, 60.221

49, 41.300,
264.879

81, 10.544, 59.540

47, 44.157,
268.982

84, 16.410, 58.945

88, 22.091, 58.901

89, 22.647, 69.827

Harmonies

Complementary

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



62, 21.803, 247.181



61, 26.972, 57.338

Rectangle

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



62, 21.803, 247.181



62, 21.803, 297.181



62, 21.803, 67.181



62, 21.803, 117.181

Sweetspot

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



62, 21.802, 247.179



90, 8.236, 242.398



69, 38.860, 153.312



47, 5.448, 242.548



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



62, 21.802, 247.179



76, 31.544, 249.370



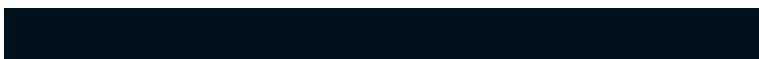
51, 38.828, 290.253



37, 3.145, 242.084



39, 38.497, 268.240



5, 9.141, 255.149

Inverse Universe

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



55, 39.396, 341.037



66, 57.627, 342.022



71, 36.002, 99.569



36, 5.303, 338.199



34, 61.233, 350.499



3, 13.235, 343.664

Previews

White Background



This preview shows how the CIE LCh color 62, 21.803, 247.181 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, 21.803, 247.181 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

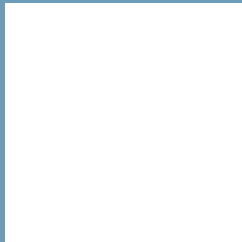
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 21.803, 247.181

Background



This preview shows how black text looks on a background with the CIELCh color 62, 21.803, 247.181.

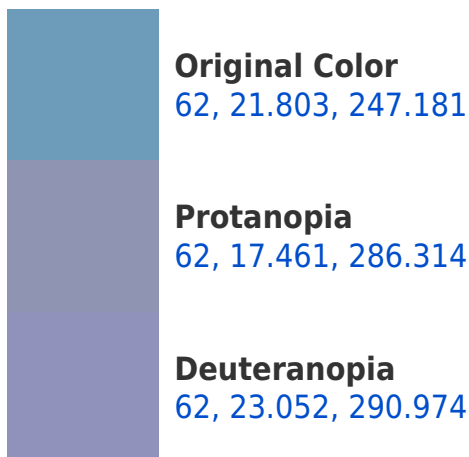


This preview shows how white text looks on a background with the CIELCh color 62, 21.803, 247.181.

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](#).

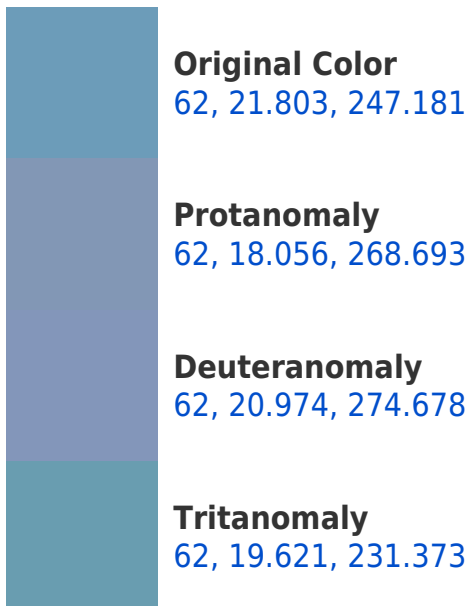
Dichromacy



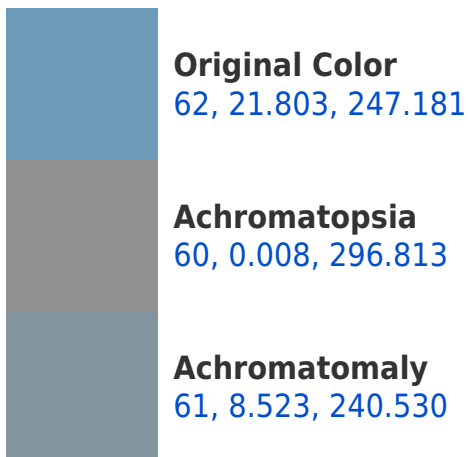


Tritanopia
62, 18.998, 220.772

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 21.803, 247.181 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(108, 156, 185)` looks like.

```
.text, #text, p{  
    color:rgb(108, 156, 185)  
}
```

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(108, 156, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 156, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 21.803, 247.181 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(108, 156, 185) }
```

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

```
.border{ border-color:rgb(108, 156, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 156, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 156, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 156, 185);  
box-shadow:4px 4px 4px 4px rgb(108, 156,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 21.803, 247.181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 156, 185) }
```

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

```
.background{ background-color: rgb(108,  
156, 185) }
```

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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