

Converting Colors

CIELCh(62, 21.381, 249.209)

Have a look what the booklet for
CIELCh(62, 21.381, 249.209)
contains.

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Color

CIELCh(62, 21.650, 250.100)

Conversions

Conversions Part 1	
Format	Color
Hex	6E9BB9
RGB	110, 155, 185
RGB Percent	43%, 61%, 73%
CMY	0.5673, 0.3909, 0.2732
CMYK	0.40, 0.16, 0.00, 0.27
HSL	204°, 35%, 58%
HSV	204°, 40%, 73%
XYZ	27.0379, 30.4025, 50.5265
YIQ	144.9650, -36.4500, -0.2100

Conversions

Conversions Part 2

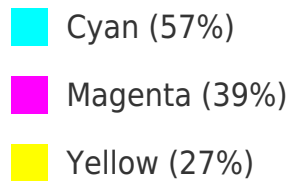
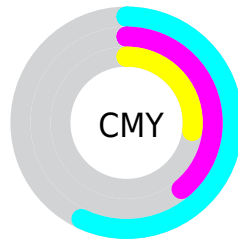
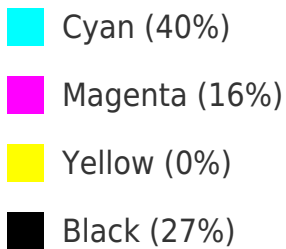
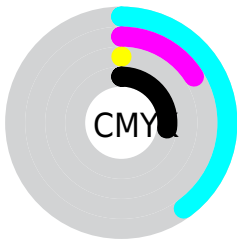
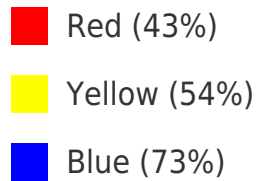
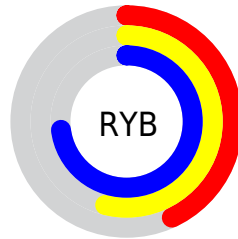
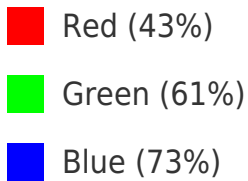
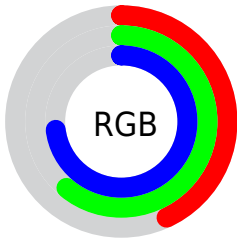
Format	Color
RYB	110, 138, 185
Decimal	7248825
CIELab	62.00, -7.37, -20.36
CIELCh	62, 21.650, 250.100
Yxy	30.4025, 0.2504, 0.2816
Android (android.graphics.Color)	4285438905 (0xFF6E9BB9)
YUV	144.9650, 19.7373, -30.6643
Hunter-Lab	55.1385, -8.9625, -15.7338

Details

The CIELCh color **62, 21.650, 250.100** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **62, 26.157, 59.940**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 21.736, 250.467**, and **42, 21.704, 250.121** is the 20% darker color. If you saturate the color by 10%, you get **59, 26.389, 252.534**, and if you desaturate by 10%, it is **65, 16.630, 248.098**.


Distribution





Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 21.650, 250.100 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, 21.650, 250.100 by changing the saturation by 10% instead.


 62, 21.650,
250.100


 62, 21.650,
250.100


 100, 21.650,
250.100


 52, 21.650,
250.100


 82, 21.650,
250.100

 42, 21.650,
250.100

 92, 21.650,
250.100

 32, 21.650,
250.100

 22, 21.650,
250.100

 12, 21.650,
250.100

 2, 21.650, 250.100

 0, 21.650, 250.100

62, 21.650,
250.100

62, 21.650,
250.100

59, 26.389,
252.534

65, 16.630,
248.098

56, 30.831,
255.479

68, 11.366,
246.462

53, 34.986,
258.993

72, 5.900, 245.142

50, 38.911,
263.096

75, 0.274, 245.484

79, 5.473, 62.945

48, 42.709,
267.736

82, 11.306, 62.208

46, 46.376,
272.372

85, 17.195, 61.566

89, 22.049, 63.419

90, 23.027, 74.787

Harmonies

Complementary

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



62, 21.650, 250.100



62, 26.157, 59.940

Rectangle

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



62, 21.650, 250.100



62, 21.650, 300.100



62, 21.650, 70.100



62, 21.650, 120.100

Sweetspot

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



62, 21.649, 250.098



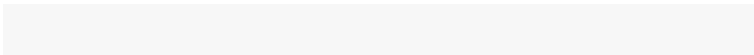
90, 8.313, 245.347



70, 36.885, 154.892



47, 5.501, 245.507



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, 21.649, 250.098



75, 31.627, 252.354



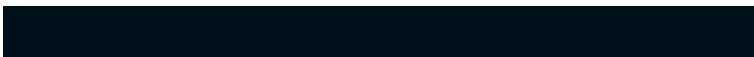
52, 39.245, 291.560



37, 3.173, 245.012



38, 40.311, 271.631



4, 9.322, 257.848

Inverse Universe

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



56, 37.833, 342.115



67, 55.779, 343.156



72, 36.164, 101.527



36, 5.215, 339.295



34, 60.552, 352.455



3, 13.011, 345.020

Previews

White Background



This preview shows how the CIELCh color 62, 21.650, 250.100 looks on a white background.

Color Contrast Check

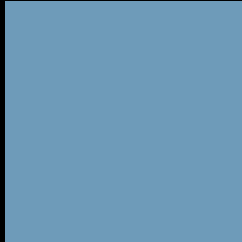
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 62, 21.650, 250.100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

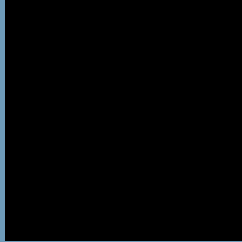
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

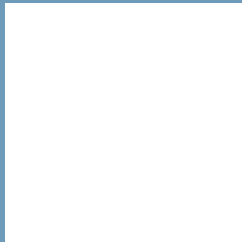
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 21.650, 250.100

Background



This preview shows how black text looks on a background with the CIELCh color 62, 21.650, 250.100.

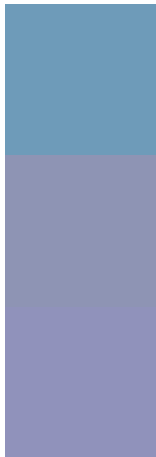


This preview shows how white text looks on a background with the CIELCh color 62, 21.650, 250.100.

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, 21.650, 250.100

Protanopia

62, 18.047, 285.476

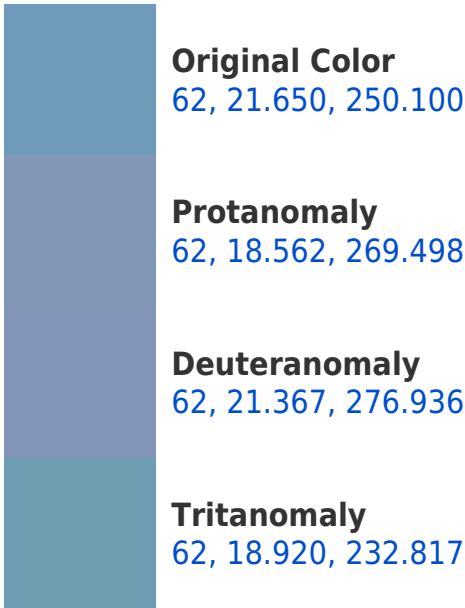
Deuteranopia

62, 23.052, 290.974

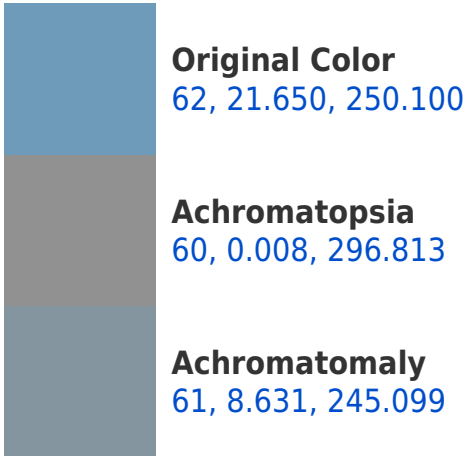


Tritanopia
62, 18.477, 221.489

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 21.650, 250.100 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(110, 155, 185)` looks like.

```
.text, #text, p{  
    color:rgb(110, 155, 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(110, 155, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 155, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 21.650, 250.100 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(110, 155, 185) }
```

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

```
.border{ border-color:rgb(110, 155, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 155, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 155, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 155, 185);  
box-shadow:4px 4px 4px 4px rgb(110, 155,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 21.650, 250.100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 155, 185) }
```

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

```
.background{ background-color: rgb(110,  
155, 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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