

Converting Colors

CIELCh(62, 16.780, 214.563)

Have a look what the booklet for
CIELCh(62, 16.780, 214.563)
contains.

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Color

CIELCh(62, 16.815, 213.658)

Conversions

Conversions Part 1

Format	Color
Hex	6E9EA6
RGB	110, 158, 166
RGB Percent	43%, 62%, 65%
CMY	0.5697, 0.3814, 0.3501
CMYK	0.34, 0.05, 0.00, 0.35
HSL	189°, 24%, 54%
HSV	189°, 34%, 65%
XYZ	25.4360, 30.4025, 40.4731
YIQ	144.5600, -31.1760, -7.6880

Conversions

Conversions Part 2

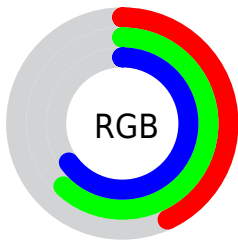
Format	Color
RYB	110, 136, 166
Decimal	7249574
CIELab	62.00, -14.00, -9.32
CIElCh	62, 16.815, 213.658
Yxy	30.4025, 0.2641, 0.3157
Android (android.graphics.Color)	4285439654 (0xFF6E9EA6)
YUV	144.5600, 10.5699, -30.3091
Hunter-Lab	55.1385, -14.1484, -4.9235

Details

The CIELCh color **62, 16.815, 213.658** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **54, 21.363, 33.852**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 17.017, 212.823**, and **42, 16.850, 212.270** is the 20% darker color. If you saturate the color by 10%, you get **60, 20.842, 214.165**, and if you desaturate by 10%, it is **64, 12.288, 213.337**.

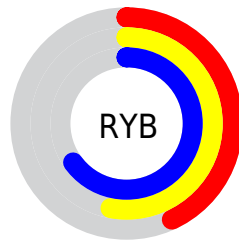
Distribution



Red (43%)

Green (62%)

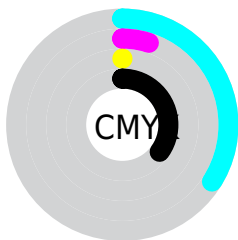
Blue (65%)



Red (43%)

Yellow (53%)

Blue (65%)

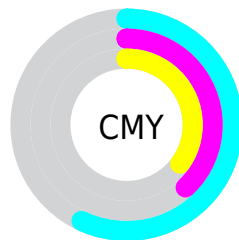


Cyan (34%)

Magenta (5%)

Yellow (0%)

Black (35%)



Cyan (57%)


Magenta (38%)


Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 16.815, 213.658 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, 16.815, 213.658 by changing the saturation by 10% instead.


 62, 16.815,
213.658


 62, 16.815,
213.658


 100, 16.815,
213.658


 52, 16.815,
213.658


 82, 16.815,
213.658

 42, 16.815,
213.658


 92, 16.815,
213.658

 32, 16.815,
213.658

 22, 16.815,
213.658

 12, 16.815,
213.658

 2, 16.815, 213.658

 0, 16.815, 213.658

■ 62, 16.815,
213.658

■ 62, 16.815,
213.658

■ 60, 20.842,
214.165

■ 64, 12.288,
213.337

■ 59, 24.286,
214.913

■ 65, 7.345, 213.187

■ 67, 2.070, 213.296

■ 58, 27.078,
215.947

■ 69, 3.466, 32.960

■ 57, 29.176,
217.324

■ 71, 9.196, 33.154

■ 56, 30.577,
219.105

■ 73, 15.068, 33.335

■ 76, 21.036, 33.546

■ 55, 31.332,
221.339

■ 78, 27.066, 33.781

■ 54, 31.628,
222.868

■ 80, 31.562, 34.535

Harmonies

Complementary

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



62, 16.815, 213.658



54, 21.363, 33.852

Rectangle

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



62, 16.815, 213.658



62, 16.815, 263.658



62, 16.815, 33.658



62, 16.815, 83.658

Sweetspot

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



62, 16.815, 213.654



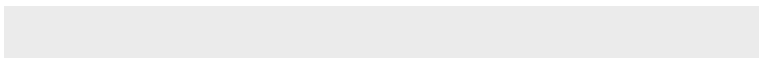
83, 6.630, 213.176



63, 34.615, 145.803



44, 4.499, 213.177



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



62, 16.815, 213.654



77, 24.284, 214.043



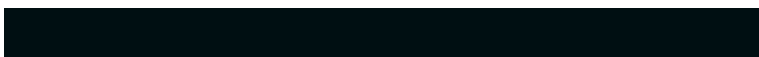
54, 21.307, 273.725



34, 3.013, 213.178



48, 28.738, 222.540



4, 4.681, 217.347

Inverse Universe

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



54, 34.438, 330.625



65, 51.114, 331.116



61, 21.776, 84.021



32, 5.680, 329.122



33, 68.125, 334.728



1, 8.552, 329.881

Previews

White Background



This preview shows how the CIELCh color 62, 16.815, 213.658 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, 16.815, 213.658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

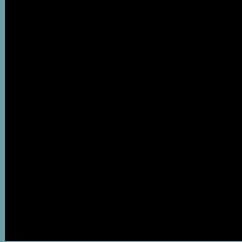
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 16.815, 213.658

Background



This preview shows how black text looks on a background with the CIELCh color 62, 16.815, 213.658.

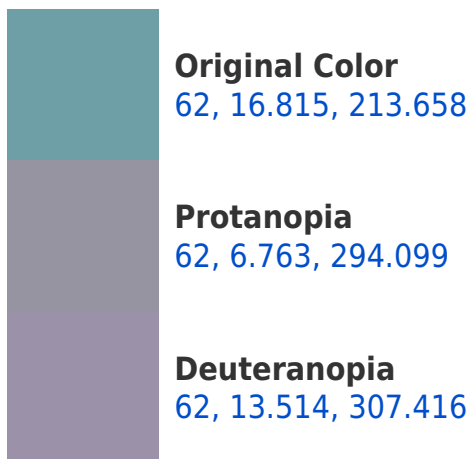


This preview shows how white text looks on a background with the CIELCh color 62, 16.815, 213.658.

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](#).

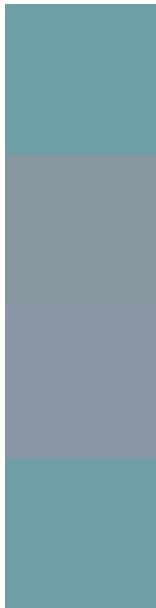
Dichromacy





Tritanopia
62, 16.893, 223.977

Trichromacy



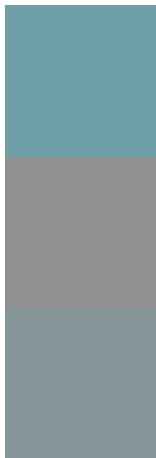
Original Color
62, 16.815, 213.658

Protanomaly
62, 8.239, 242.126

Deuteranomaly
62, 10.245, 268.418

Tritanomaly
62, 16.579, 220.189

Monochromacy



Original Color
62, 16.815, 213.658

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 6.513, 214.004

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 16.815, 213.658 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, 158, 166)` looks like.

```
.text, #text, p{  
    color:rgb(110, 158, 166)  
}
```

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, 158, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 158, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 16.815, 213.658 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, 158, 166) }
```

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

```
.border{ border-color:rgb(110, 158, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 158, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 158, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 158, 166);  
box-shadow:4px 4px 4px 4px rgb(110, 158,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 16.815, 213.658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 158, 166) }
```

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

```
.background{ background-color: rgb(110,  
158, 166) }
```

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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