

Converting Colors

CIELCh(62, 17.480, 199.360)

Have a look what the booklet for
CIELCh(62, 17.480, 199.360)
contains.

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Color

CIELCh(62, 17.697, 197.864)

Conversions

Conversions Part 1

Format	Color
Hex	6C9F9F
RGB	108, 159, 159
RGB Percent	42%, 62%, 62%
CMY	0.5772, 0.3772, 0.3772
CMYK	0.32, 0.00, 0.00, 0.38
HSL	180°, 21%, 52%
HSV	180°, 32%, 62%
XYZ	24.7675, 30.4025, 37.2761
YIQ	143.7510, -30.3960, -10.8120

Conversions

Conversions Part 2

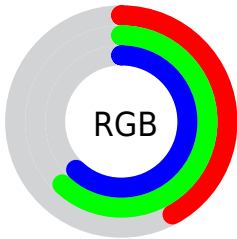
Format	Color
RYB	108, 134, 159
Decimal	7118751
CIELab	62.00, -16.84, -5.43
CIElCh	62, 17.697, 197.864
Yxy	30.4025, 0.2679, 0.3289
Android (android.graphics.Color)	4285308831 (0xFF6C9F9F)
YUV	143.7510, 7.5178, -31.3536
Hunter-Lab	55.1385, -16.3124, -1.4857

Details

The CIELCh color $62, 17.697, 197.864$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $51, 21.968, 22.089$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 17.846, 198.164$, and $42, 17.508, 199.389$ is the 20% darker color. If you saturate the color by 10%, you get $61, 22.229, 197.467$, and if you desaturate by 10%, it is $63, 12.632, 198.312$.

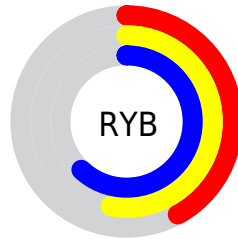
Distribution



Red (42%)

Green (62%)

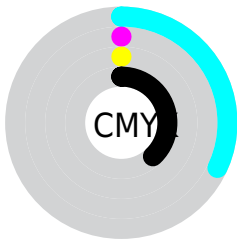
Blue (62%)



Red (42%)

Yellow (53%)

Blue (62%)

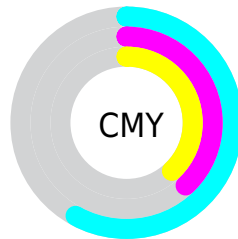


Cyan (32%)

Magenta (0%)

Yellow (0%)

Black (38%)



Cyan (58%)


Magenta (38%)


Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 17.697, 197.864 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, 17.697, 197.864 by changing the saturation by 10% instead.

 62, 17.697,
197.864


 62, 17.697,
197.864


 100, 17.697,
197.864


 52, 17.697,
197.864


 82, 17.697,
197.864

 42, 17.697,
197.864

 92, 17.697,
197.864

 32, 17.697,
197.864

 22, 17.697,
197.864

 12, 17.697,
197.864

 2, 17.697, 197.864

 0, 17.697, 197.864

■ 62, 17.697,
197.864

■ 62, 17.697,
197.864

■ 61, 22.229,
197.467

■ 63, 12.632,
198.312

■ 61, 26.140,
197.133

■ 64, 7.126, 198.828

■ 60, 29.362,
196.863

■ 65, 1.271, 199.654

■ 66, 4.845, 19.750

■ 60, 31.852,
196.656

■ 68, 11.147, 20.385

■ 59, 33.606,
196.512

■ 69, 17.571, 20.999

■ 71, 24.064, 21.615

■ 59, 34.662,
196.425

■ 73, 30.583, 22.234

■ 59, 35.176,
196.383

■ 75, 37.095, 22.850

Harmonies

Complementary

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



62, 17.697, 197.864



51, 21.968, 22.089

Rectangle

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



62, 17.697, 197.864



62, 17.697, 247.864



62, 17.697, 17.864



62, 17.697, 67.864

Sweetspot

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



62, 17.697, 197.861



81, 7.324, 198.938



61, 34.687, 141.829



43, 5.019, 198.861



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



62, 17.697, 197.861



78, 25.780, 197.555



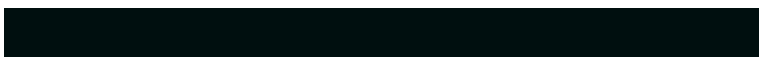
55, 16.506, 258.544



33, 3.339, 198.995



54, 32.544, 196.383



3, 4.473, 199.419

Inverse Universe

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



51, 21.968, 22.089



61, 33.936, 23.140



57, 18.182, 69.765



31, 3.535, 19.898



29, 67.091, 39.160



1, 4.473, 19.403

Previews

White Background



This preview shows how the CIELCh color 62, 17.697, 197.864 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, 17.697, 197.864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

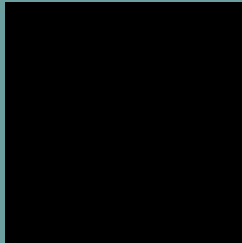
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 17.697, 197.864

Background



This preview shows how black text looks on a background with the CIELCh color 62, 17.697, 197.864.

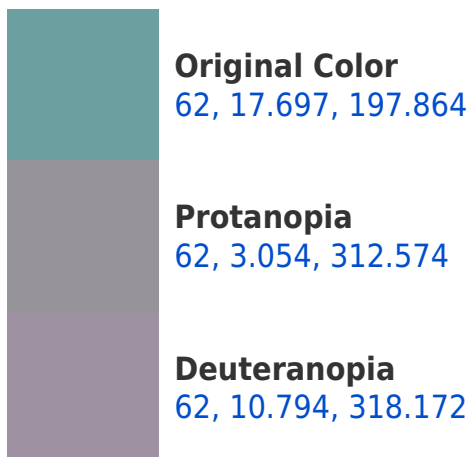


This preview shows how white text looks on a background with the CIELCh color 62, 17.697, 197.864.

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](#).

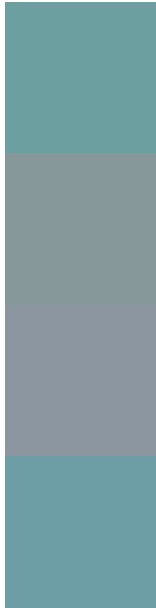
Dichromacy





Tritanopia
62, 17.160, 223.528

Trichromacy



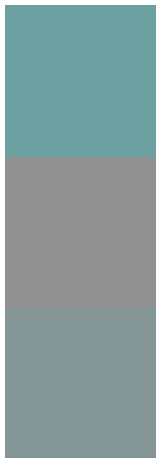
Original Color
62, 17.697, 197.864

Protanomaly
62, 6.494, 214.002

Deuteranomaly
62, 7.118, 259.731

Tritanomaly
62, 17.102, 213.367

Monochromacy



Original Color
62, 17.697, 197.864

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 6.748, 198.835

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 17.697, 197.864 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, 159, 159)` looks like.

```
.text, #text, p{  
    color:rgb(108, 159, 159)  
}
```

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, 159, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 159, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 17.697, 197.864 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, 159, 159) }
```

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

```
.border{ border-color:rgb(108, 159, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 159, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 159, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 159, 159);  
box-shadow:4px 4px 4px 4px rgb(108, 159,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 17.697, 197.864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 159, 159) }
```

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

```
.background{ background-color: rgb(108,  
159, 159) }
```

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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