

Converting Colors

CIELCh(62, 21.789, 197.210)

Have a look what the booklet for
CIELCh(62, 21.789, 197.210)
contains.

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Color

CIELCh(62, 21.817, 196.029)

Conversions

Conversions Part 1

Format	Color
Hex	60A1A0
RGB	96, 161, 160
RGB Percent	38%, 63%, 63%
CMY	0.6245, 0.3696, 0.3735
CMYK	0.40, 0.00, 0.01, 0.37
HSL	179°, 26%, 50%
HSV	179°, 40%, 63%
XYZ	23.8201, 30.4025, 37.7540
YIQ	141.4510, -38.4190, -14.0910

Conversions

Conversions Part 2

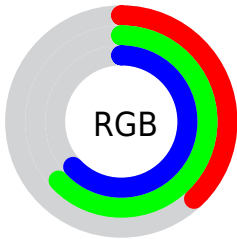
Format	Color
RYB	96, 129, 161
Decimal	6332832
CIELab	62.00, -20.97, -6.02
CIElCh	62, 21.817, 196.029
Yxy	30.4025, 0.2590, 0.3305
Android (android.graphics.Color)	4284522912 (0xFF60A1A0)
YUV	141.4510, 9.1447, -39.8605
Hunter-Lab	55.1385, -19.3793, -1.9997

Details

The CIELCh color **62, 21.817, 196.029** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **48, 28.651, 22.119**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 21.780, 196.485**, and **42, 21.729, 196.935** is the 20% darker color. If you saturate the color by 10%, you get **61, 25.921, 195.597**, and if you desaturate by 10%, it is **63, 17.107, 196.501**.

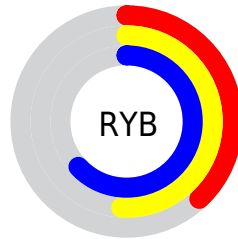
Distribution



Red (38%)

Green (63%)

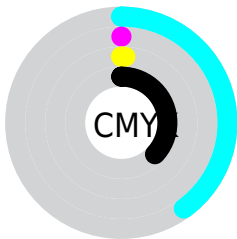
Blue (63%)



Red (38%)

Yellow (51%)

Blue (63%)

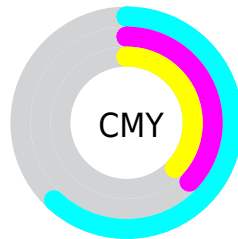


Cyan (40%)

Magenta (0%)

Yellow (1%)

Black (37%)



Cyan (62%)


Magenta (37%)


Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 21.817, 196.029 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, 21.817, 196.029 by changing the saturation by 10% instead.


 62, 21.817,
196.029


 62, 21.817,
196.029


 100, 21.817,
196.029


 52, 21.817,
196.029


 82, 21.817,
196.029

 42, 21.817,
196.029


 92, 21.817,
196.029

 32, 21.817,
196.029

 22, 21.817,
196.029

 12, 21.817,
196.029

 2, 21.817, 196.029

 0, 21.817, 196.029

62, 21.817,
196.029

62, 21.817,
196.029

61, 25.921,
195.597

63, 17.107,
196.501

61, 29.344,
195.214

64, 11.882,
197.021

60, 32.034,
194.875

65, 6.237, 197.601

60, 33.978,
194.576

66, 0.265, 199.861

67, 5.947, 18.616

60, 35.204,
194.310

69, 12.327, 19.271

60, 35.896,
194.076

70, 18.810, 19.910

72, 25.347, 20.548

74, 31.897, 21.184

Harmonies

Complementary

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



62, 21.817, 196.029



48, 28.651, 22.119

Rectangle

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



62, 21.817, 196.029



62, 21.817, 246.029



62, 21.817, 16.029



62, 21.817, 66.029

Sweetspot

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



62, 21.817, 196.026



82, 8.844, 197.490



61, 43.869, 141.077



43, 5.836, 197.419



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, 21.817, 196.026



78, 31.280, 195.618



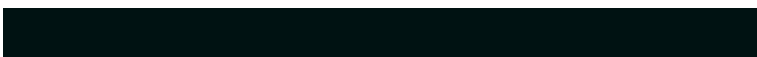
53, 20.826, 260.343



34, 3.432, 197.675



54, 33.340, 194.095



4, 5.468, 197.710

Inverse Universe

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



48, 28.651, 22.119



57, 44.220, 23.822



56, 23.607, 68.763



32, 3.629, 18.656



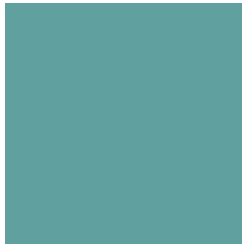
30, 67.522, 38.654



1, 5.466, 18.244

Previews

White Background



This preview shows how the CIE LCh color 62, 21.817, 196.029 looks on a white background.

Color Contrast Check

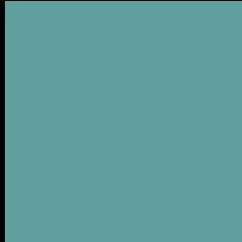
Large Text (above 18pt) WCAG AA × Fail

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, 21.817, 196.029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

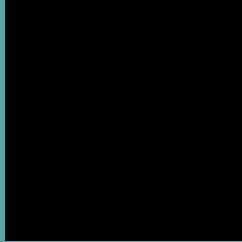
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 21.817, 196.029

Background



This preview shows how black text looks on a background with the CIELCh color 62, 21.817, 196.029.

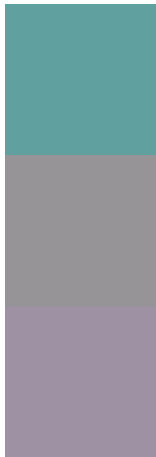


This preview shows how white text looks on a background with the CIELCh color 62, 21.817, 196.029.

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, 21.817, 196.029

Protanopia

62, 2.543, 317.341

Deuteranopia

62, 11.135, 315.107



Tritanopia
62, 20.525, 218.862

Trichromacy



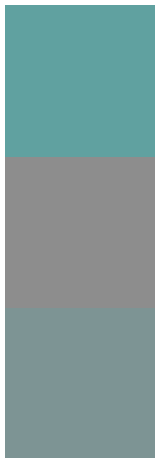
Original Color
62, 21.817, 196.029

Protanomaly
62, 8.159, 206.675

Deuteranomaly
62, 8.374, 246.815

Tritanomaly
62, 20.676, 210.373

Monochromacy



Original Color
62, 21.817, 196.029

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 8.553, 198.649

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 21.817, 196.029 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(96, 161, 160)` looks like.

```
.text, #text, p{  
    color:rgb(96, 161, 160)  
}
```

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(96, 161, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 161, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 21.817, 196.029 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(96, 161, 160) }
```

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

```
.border{ border-color:rgb(96, 161, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 161, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 161, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 161, 160);  
box-shadow:4px 4px 4px 4px rgb(96, 161,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 21.817, 196.029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 161, 160) }
```

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

```
.background{ background-color: rgb(96, 161,  
160) }
```

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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