

Converting Colors

CIELCh(62, 19.477, 197.708)

Have a look what the booklet for
CIELCh(62, 19.477, 197.708)
contains.

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Color

CIELCh(62, 19.472, 197.717)

Conversions

Conversions Part 1

Format	Color
Hex	67A0A0
RGB	103, 160, 160
RGB Percent	40%, 63%, 63%
CMY	0.5975, 0.3740, 0.3740
CMYK	0.36, 0.00, 0.00, 0.37
HSL	180°, 23%, 51%
HSV	180°, 36%, 63%
XYZ	24.3730, 30.4025, 37.6747
YIQ	142.9570, -33.9720, -12.0840

Conversions

Conversions Part 2

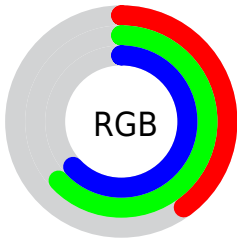
Format	Color
RYB	103, 132, 160
Decimal	6791328
CIELab	62.00, -18.55, -5.93
CIElCh	62, 19.472, 197.717
Yxy	30.4025, 0.2636, 0.3289
Android (android.graphics.Color)	4284981408 (0xFF67A0A0)
YUV	142.9570, 8.4022, -35.0423
Hunter-Lab	55.1385, -17.5895, -1.9143

Details

The CIELCh color **62, 19.472, 197.717** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **50, 24.844, 22.561**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 19.356, 198.061**, and **42, 19.330, 199.009** is the 20% darker color. If you saturate the color by 10%, you get **61, 23.808, 197.341**, and if you desaturate by 10%, it is **63, 14.568, 198.145**.

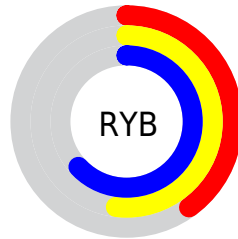
Distribution



Red (40%)

Green (63%)

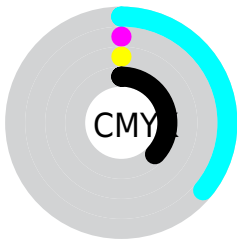
Blue (63%)



Red (40%)

Yellow (52%)

Blue (63%)

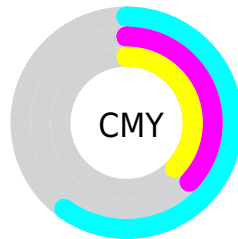


Cyan (36%)

Magenta (0%)

Yellow (0%)

Black (37%)



Cyan (60%)


Magenta (37%)

Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 19.472, 197.717 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, 19.472, 197.717 by changing the saturation by 10% instead.


 62, 19.472,
197.717


 62, 19.472,
197.717


 100, 19.472,
197.717


 52, 19.472,
197.717


 82, 19.472,
197.717

 42, 19.472,
197.717

 92, 19.472,
197.717

 32, 19.472,
197.717

 22, 19.472,
197.717

 12, 19.472,
197.717

 2, 19.472, 197.717

 0, 19.472, 197.717

62, 19.472,
197.717

62, 19.472,
197.717

61, 23.808,
197.341

63, 14.568,
198.145

61, 27.492,
197.030

64, 9.187, 198.635

65, 3.423, 199.234

60, 30.465,
196.783

66, 2.634, 19.467

60, 32.696,
196.599

68, 8.905, 20.166

60, 34.196,
196.477

69, 15.319, 20.781

71, 21.819, 21.396

60, 35.034,
196.409

73, 28.361, 22.014

59, 35.310,
196.386

74, 34.907, 22.632

Harmonies

Complementary

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



62, 19.472, 197.717



50, 24.844, 22.561

Rectangle

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



62, 19.472, 197.717



62, 19.472, 247.717



62, 19.472, 17.717



62, 19.472, 67.717

Sweetspot

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



62, 19.472, 197.714



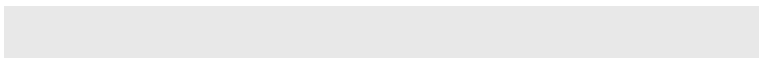
81, 8.035, 198.881



61, 38.861, 141.891



43, 5.424, 198.810



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, 19.472, 197.714



78, 27.887, 197.408



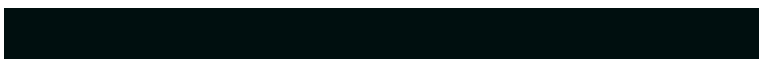
54, 18.689, 261.174



33, 3.339, 198.997



54, 32.544, 196.386



3, 4.473, 199.422

Inverse Universe

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



51, 38.825, 326.323



62, 57.133, 326.715



57, 20.622, 71.062



31, 6.104, 324.916



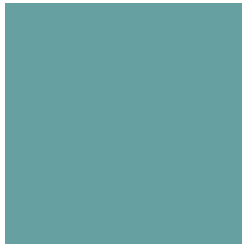
34, 75.047, 328.233



1, 7.944, 324.439

Previews

White Background



This preview shows how the CIELCh color 62, 19.472, 197.717 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, 19.472, 197.717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

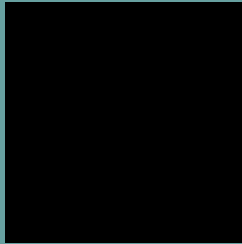
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 19.472, 197.717

Background



This preview shows how black text looks on a background with the CIELCh color 62, 19.472, 197.717.

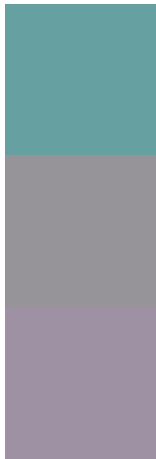


This preview shows how white text looks on a background with the CIELCh color 62, 19.472, 197.717.

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, 19.472, 197.717

Protanopia
62, 3.054, 312.574

Deuteranopia
62, 11.135, 315.107



Tritanopia
62, 18.738, 221.125

Trichromacy



Original Color
62, 19.472, 197.717

Protanomaly
61, 7.188, 212.455

Deuteranomaly
61, 8.147, 255.294

Tritanomaly
62, 18.788, 211.822

Monochromacy



Original Color
62, 19.472, 197.717

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 7.831, 198.725

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 19.472, 197.717 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(103, 160, 160)` looks like.

```
.text, #text, p{  
    color:rgb(103, 160, 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(103, 160, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 160, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 19.472, 197.717 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(103, 160, 160) }
```

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

```
.border{ border-color:rgb(103, 160, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 160, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 160, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 160, 160);  
box-shadow:4px 4px 4px 4px rgb(103, 160,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 19.472, 197.717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 160, 160) }
```

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

```
.background{ background-color: rgb(103,  
160, 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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