

Converting Colors

CIELCh(62, 10.593, 198.498)

Have a look what the booklet for
CIELCh(62, 10.593, 198.498)
contains.

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Color

CIELCh(62, 10.593, 198.483)

Conversions

Conversions Part 1

Format	Color
Hex	7E9B9B
RGB	126, 155, 155
RGB Percent	49%, 61%, 61%
CMY	0.5045, 0.3907, 0.3908
CMYK	0.19, 0.00, 0.00, 0.39
HSL	180°, 13%, 55%
HSV	180°, 19%, 61%
XYZ	26.3829, 30.4025, 35.6455
YIQ	146.3290, -17.2840, -6.1480

Conversions

Conversions Part 2

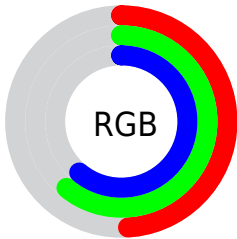
Format	Color
RYB	126, 141, 155
Decimal	8297371
CIELab	62.00, -10.05, -3.36
CIElCh	62, 10.593, 198.483
Yxy	30.4025, 0.2854, 0.3289
Android (android.graphics.Color)	4286487451 (0xFF7E9B9B)
YUV	146.3290, 4.2748, -17.8285
Hunter-Lab	55.1385, -11.0831, 0.2676

Details

The CIELCh color $62, 10.593, 198.483$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $56, 11.933, 20.662$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 10.489, 198.692$, and $42, 10.735, 198.140$ is the 20% darker color. If you saturate the color by 10%, you get $61, 15.730, 198.005$, and if you desaturate by 10%, it is $63, 5.057, 199.024$.

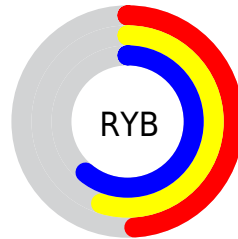
Distribution



Red (49%)

Green (61%)

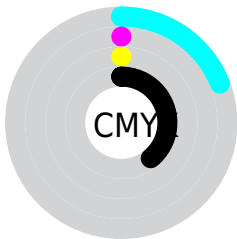
Blue (61%)



Red (49%)

Yellow (55%)

Blue (61%)

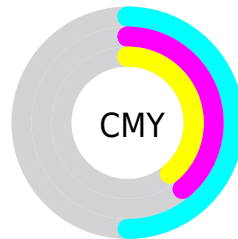


Cyan (19%)

Magenta (0%)

Yellow (0%)

Black (39%)



Cyan (50%)


Magenta (39%)


Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 10.593, 198.483 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, 10.593, 198.483 by changing the saturation by 10% instead.

 62, 10.593,
198.483

 62, 10.593,
198.483


 100, 10.593,
198.483


 52, 10.593,
198.483


 82, 10.593,
198.483

 42, 10.593,
198.483

 92, 10.593,
198.483

 32, 10.593,
198.483

 22, 10.593,
198.483

 12, 10.593,
198.483

 2, 10.593, 198.483

 0, 10.593, 198.483

62, 10.593,
198.483

62, 10.593,
198.483

61, 15.730,
198.005

63, 5.057, 199.024

60, 20.375,
197.591

64, 0.791, 18.893

66, 6.870, 19.970

60, 24.441,
197.236

67, 13.107, 20.588

59, 27.851,
196.943

69, 19.445, 21.201

70, 25.835, 21.818

59, 30.555,
196.714

72, 32.239, 22.435

58, 32.534,
196.547

74, 38.628, 23.049

74, 40.416, 23.220

58, 33.810,
196.440

58, 34.529,

196.379

■ 58, 34.615,
196.372

Harmonies

Complementary

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



62, 10.593, 198.483



56, 11.933, 20.662

Rectangle

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



62, 10.593, 198.483



62, 10.593, 248.483



62, 10.593, 18.483



62, 10.593, 68.483

Sweetspot

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



62, 10.594, 198.476



80, 4.348, 199.196



61, 19.826, 142.878



43, 2.903, 199.153



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



62, 10.594, 198.476



78, 15.241, 198.293



58, 9.531, 256.155



32, 3.249, 198.991



53, 32.122, 196.372



3, 3.595, 199.413

Inverse Universe

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



56, 11.933, 20.662



69, 17.622, 21.011



59, 10.046, 71.365



30, 3.439, 19.888



28, 66.110, 39.046



1, 3.595, 19.397

Previews

White Background



This preview shows how the CIELCh color 62, 10.593, 198.483 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, 10.593, 198.483 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

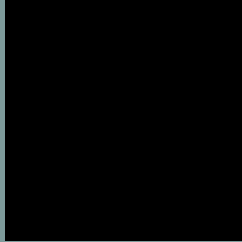
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

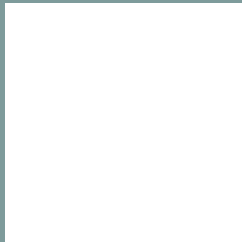
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 10.593, 198.483

Background



This preview shows how black text looks on a background with the CIELCh color 62, 10.593, 198.483.

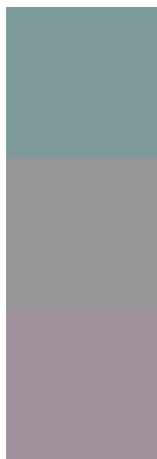


This preview shows how white text looks on a background with the CIELCh color 62, 10.593, 198.483.

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, 10.593, 198.483

Protanopia

62, 1.375, 324.361

Deuteranopia

62, 8.896, 331.069



Tritanopia
62, 11.246, 235.717

Trichromacy



Original Color
62, 10.593, 198.483

Protanomaly
62, 3.559, 217.643

Deuteranomaly
62, 3.947, 285.131

Tritanomaly
62, 10.543, 223.989

Monochromacy



Original Color
62, 10.593, 198.483

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 4.168, 199.120

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 10.593, 198.483 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(126, 155, 155)` looks like.

```
.text, #text, p{  
    color:rgb(126, 155, 155)  
}
```

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(126, 155, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 155, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 10.593, 198.483 is called "border". The border property can be set on classes, ids or directly on the HTML element.

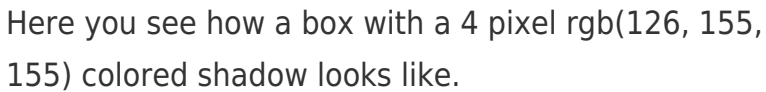
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(126, 155, 155) }
```

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

```
.border{ border-color:rgb(126, 155, 155) }
```

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



Here you see how a box with a 4 pixel `rgb(126, 155, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 155, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 155, 155); box-shadow:4px 4px 4px 4px rgb(126, 155, 155) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 10.593, 198.483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 155, 155) }
```

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

```
.background{ background-color: rgb(126,  
155, 155) }
```

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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