

Converting Colors

CIELCh(63, 18.375, 197.993)

Have a look what the booklet for
CIELCh(63, 18.375, 197.993)
contains.

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Color

CIELCh(63, 18.577, 197.809)

Conversions

Conversions Part 1

Format	Color
Hex	6CA2A2
RGB	108, 162, 162
RGB Percent	42%, 64%, 64%
CMY	0.5769, 0.3651, 0.3651
CMYK	0.33, 0.00, 0.00, 0.37
HSL	180°, 22%, 53%
HSV	180°, 33%, 63%
XYZ	25.5830, 31.5869, 38.8788
YIQ	145.8540, -32.1840, -11.4480

Conversions

Conversions Part 2

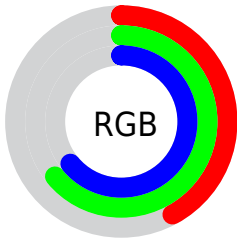
Format	Color
RYB	108, 135, 162
Decimal	7119522
CIELab	63.00, -17.69, -5.68
CIElCh	63, 18.577, 197.809
Yxy	31.5869, 0.2664, 0.3289
Android (android.graphics.Color)	4285309602 (0xFF6CA2A2)
YUV	145.8540, 7.9600, -33.1980
Hunter-Lab	56.2022, -17.1015, -1.6732

Details

The CIELCh color **63, 18.577, 197.809** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **51, 23.288, 22.253**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 18.431, 198.136**, and **43, 18.426, 197.315** is the 20% darker color. If you saturate the color by 10%, you get **62, 23.103, 197.419**, and if you desaturate by 10%, it is **64, 13.496, 198.251**.

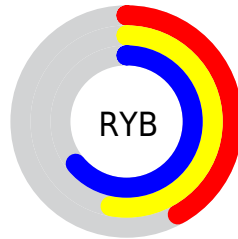
Distribution



Red (42%)

Green (64%)

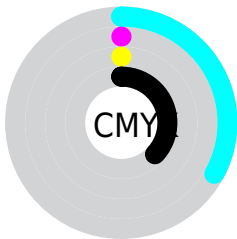
Blue (64%)



Red (42%)

Yellow (53%)

Blue (64%)

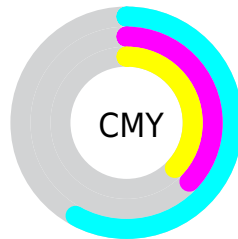


Cyan (33%)

Magenta (0%)

Yellow (0%)

Black (37%)



Cyan (58%)


Magenta (37%)

Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 18.577, 197.809 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 63, 18.577, 197.809 by changing the saturation by 10% instead.

 63, 18.577,
197.809


 63, 18.577,
197.809


 100, 18.577,
197.809


 53, 18.577,
197.809


 83, 18.577,
197.809

 43, 18.577,
197.809

 93, 18.577,
197.809

 33, 18.577,
197.809

 23, 18.577,
197.809

 13, 18.577,
197.809

 3, 18.577, 197.809

 0, 18.577, 197.809

63, 18.577,
197.809

63, 18.577,
197.809

62, 23.103,
197.419

64, 13.496,
198.251

62, 26.987,
197.093

65, 7.955, 198.757

66, 2.047, 199.451

61, 30.163,
196.830

67, 4.137, 19.661

61, 32.591,
196.632

69, 10.520, 20.310

60, 34.272,
196.496

70, 17.033, 20.925

72, 23.622, 21.542

60, 35.253,
196.416

74, 30.243, 22.161

60, 35.677,
196.382

76, 36.861, 22.779

Harmonies

Complementary

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



63, 18.577, 197.809



51, 23.288, 22.253

Rectangle

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



63, 18.577, 197.809



63, 18.577, 247.809



63, 18.577, 17.809



63, 18.577, 67.809

Sweetspot

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



63, 18.577, 197.806



83, 7.470, 198.937



62, 36.580, 141.718



44, 5.120, 198.859



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



63, 18.577, 197.806



80, 26.838, 197.513



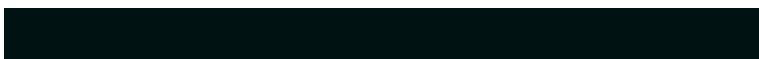
55, 17.396, 258.806



34, 3.428, 198.992



54, 32.967, 196.382



4, 5.463, 199.419

Inverse Universe

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



51, 23.288, 22.253



62, 35.630, 23.307



58, 19.247, 69.610



32, 3.629, 19.901



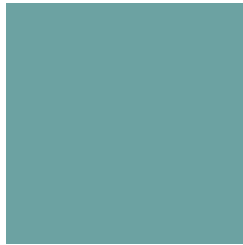
30, 68.062, 39.263



1, 5.464, 19.403

Previews

White Background



This preview shows how the CIELCh color 63, 18.577, 197.809 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 63, 18.577, 197.809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

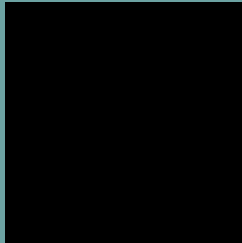
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 18.577, 197.809

Background



This preview shows how black text looks on a background with the CIELCh color 63, 18.577, 197.809.

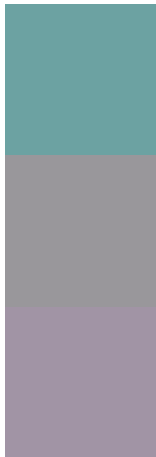


This preview shows how white text looks on a background with the CIELCh color 63, 18.577, 197.809.

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
63, 18.577, 197.809

Protanopia
63, 2.382, 309.137

Deuteranopia
63, 10.756, 318.165



Tritanopia
63, 17.676, 222.622

Trichromacy



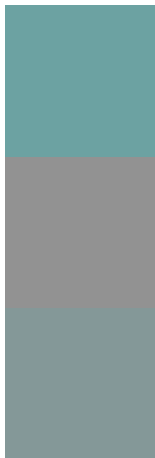
Original Color
63, 18.577, 197.809

Protanomaly
63, 6.821, 213.188

Deuteranomaly
63, 7.279, 257.231

Tritanomaly
63, 17.657, 212.795

Monochromacy



Original Color
63, 18.577, 197.809

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 7.449, 198.774

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 18.577, 197.809 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, 162, 162)` looks like.

```
.text, #text, p{  
    color:rgb(108, 162, 162)  
}
```

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, 162, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 162, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 18.577, 197.809 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, 162, 162) }
```

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

```
.border{ border-color:rgb(108, 162, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 162, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 162, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 162, 162);  
box-shadow:4px 4px 4px 4px rgb(108, 162,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 18.577, 197.809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 162, 162) }
```

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

```
.background{ background-color: rgb(108,  
162, 162) }
```

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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