

Converting Colors

CIELCh(63, 17.014, 194.396)

Have a look what the booklet for
CIELCh(63, 17.014, 194.396)
contains.

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Color

CIELCh(63, 16.935, 194.117)

Conversions

Conversions Part 1

Format	Color
Hex	71A19F
RGB	113, 161, 159
RGB Percent	44%, 63%, 62%
CMY	0.5562, 0.3679, 0.3757
CMYK	0.30, 0.00, 0.01, 0.37
HSL	177°, 20%, 54%
HSV	177°, 30%, 63%
XYZ	25.8845, 31.5869, 37.6175
YIQ	146.4200, -27.9660, -10.7980

Conversions

Conversions Part 2

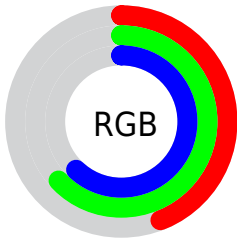
Format	Color
RYB	113, 138, 161
Decimal	7446943
CIELab	63.00, -16.42, -4.13
CIElCh	63, 16.935, 194.117
Yxy	31.5869, 0.2722, 0.3322
Android (android.graphics.Color)	4285637023 (0xFF71A19F)
YUV	146.4200, 6.2019, -29.3093
Hunter-Lab	56.2022, -16.1439, -0.3427

Details

The CIELCh color **63, 16.935, 194.117** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **53, 20.342, 18.622**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 17.038, 194.643**, and **43, 16.871, 195.402** is the 20% darker color. If you saturate the color by 10%, you get **62, 21.766, 193.524**, and if you desaturate by 10%, it is **64, 11.611, 194.729**.

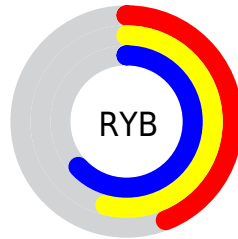
Distribution



Red (44%)

Green (63%)

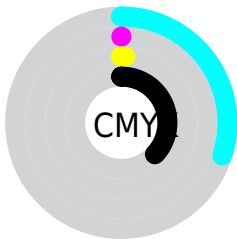
Blue (62%)



Red (44%)

Yellow (54%)

Blue (63%)

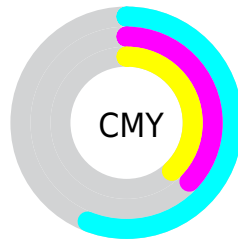


Cyan (30%)

Magenta (0%)

Yellow (1%)

Black (37%)



Cyan (56%)


Magenta (37%)


Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 16.935, 194.117 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, 16.935, 194.117 by changing the saturation by 10% instead.


 63, 16.935,
194.117


 63, 16.935,
194.117


 100, 16.935,
194.117


 53, 16.935,
194.117


 83, 16.935,
194.117

 43, 16.935,
194.117

 93, 16.935,
194.117

 33, 16.935,
194.117

 23, 16.935,
194.117

 13, 16.935,
194.117

 3, 16.935, 194.117

 0, 16.935, 194.117

63, 16.935,
194.117

63, 16.935,
194.117

62, 21.766,
193.524

64, 11.611,
194.729

61, 26.010,
192.958

65, 5.890, 195.391

66, 0.135, 12.497

61, 29.585,
192.411

68, 6.378, 16.528

60, 32.435,
191.876

69, 12.768, 17.223

60, 34.538,
191.345

71, 19.243, 17.899

72, 25.755, 18.568

60, 35.919,
190.807

74, 32.267, 19.232

60, 36.759,
190.258

76, 37.436, 19.646

60, 36.777,

Harmonies

Complementary

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



63, 16.935, 194.117



53, 20.342, 18.622

Rectangle

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



63, 16.935, 194.117



63, 16.935, 244.117



63, 16.935, 14.117



63, 16.935, 64.117

Sweetspot

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



63, 16.935, 194.113



82, 6.706, 195.435



62, 32.244, 141.218



43, 4.636, 195.337



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



63, 16.935, 194.113



79, 24.658, 193.705



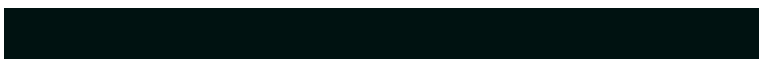
57, 15.074, 254.173



34, 3.444, 195.427



54, 34.081, 190.297



4, 5.487, 194.840

Inverse Universe

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



53, 20.342, 18.622



64, 31.074, 19.569



58, 16.764, 66.461



32, 3.631, 16.522



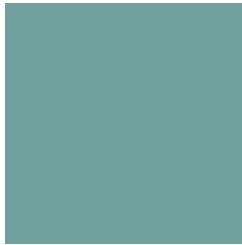
30, 66.615, 37.586



1, 5.476, 16.261

Previews

White Background



This preview shows how the CIELCh color 63, 16.935, 194.117 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, 16.935, 194.117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

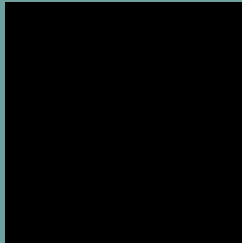
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 16.935, 194.117

Background



This preview shows how black text looks on a background with the CIELCh color 63, 16.935, 194.117.

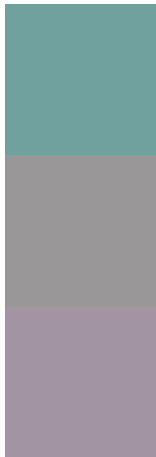


This preview shows how white text looks on a background with the CIELCh color 63, 16.935, 194.117.

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, 16.935, 194.117

Protanopia
63, 1.622, 335.621

Deuteranopia
63, 9.514, 324.882



Tritanopia
63, 16.072, 225.392

Trichromacy



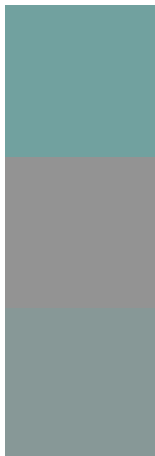
Original Color
63, 16.935, 194.117

Protanomaly
63, 5.982, 198.933

Deuteranomaly
63, 5.527, 253.544

Tritanomaly
63, 15.850, 212.543

Monochromacy



Original Color
63, 16.935, 194.117

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 6.419, 193.839

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 16.935, 194.117 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(113, 161, 159)` looks like.

```
.text, #text, p{  
    color:rgb(113, 161, 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(113, 161, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 161, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 16.935, 194.117 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(113, 161, 159) }
```

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

```
.border{ border-color:rgb(113, 161, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 161, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 161, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 161, 159);  
box-shadow:4px 4px 4px 4px rgb(113, 161,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 16.935, 194.117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 161, 159) }
```

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

```
.background{ background-color: rgb(113,  
161, 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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