

Converting Colors

CIELCh(63, 7.637, 190.641)

Have a look what the booklet for
CIELCh(63, 7.637, 190.641) contains.

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Color

CIELCh(63, 7.917, 190.595)

Conversions

Conversions Part 1

Format	Color
Hex	889D9B
RGB	136, 157, 155
RGB Percent	53%, 62%, 61%
CMY	0.4677, 0.3854, 0.3933
CMYK	0.13, 0.00, 0.01, 0.39
HSL	174°, 10%, 57%
HSV	174°, 13%, 61%
XYZ	28.0107, 31.5869, 35.5073
YIQ	150.4930, -11.8740, -5.0740

Conversions

Conversions Part 2

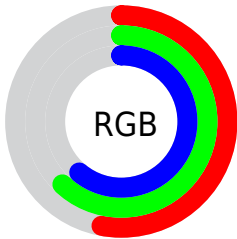
Format	Color
RYB	136, 147, 157
Decimal	8953243
CIELab	63.00, -7.78, -1.46
CIELCh	63, 7.917, 190.595
Yxy	31.5869, 0.2945, 0.3321
Android (android.graphics.Color)	4287143323 (0xFF889D9B)
YUV	150.4930, 2.2220, -12.7104
Hunter-Lab	56.2022, -9.3910, 1.8835

Details

The CIELCh color $63, 7.917, 190.595$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $59, 8.480, 12.604$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 8.331, 187.872$, and $43, 8.020, 189.818$ is the 20% darker color. If you saturate the color by 10%, you get $62, 13.501, 189.809$, and if you desaturate by 10%, it is $64, 2.044, 191.495$.

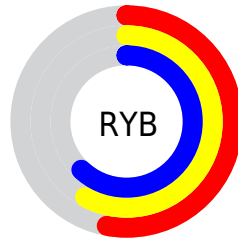
Distribution



Red (53%)

Green (62%)

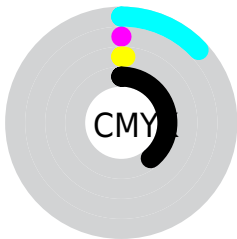
Blue (61%)



Red (53%)

Yellow (58%)

Blue (62%)

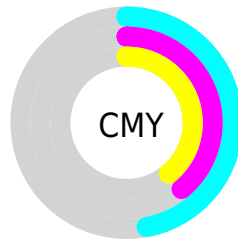


Cyan (13%)

Magenta (0%)

Yellow (1%)

Black (39%)



Cyan (47%)

Magenta (39%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 7.917, 190.595 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, 7.917, 190.595 by changing the saturation by 10% instead.

■ 63, 7.917, 190.595

■ 63, 7.917, 190.595

■ 100, 7.917,
190.595

■ 53, 7.917, 190.595

■ 83, 7.917, 190.595

■ 43, 7.917, 190.595

■ 93, 7.917, 190.595

■ 33, 7.917, 190.595

■ 23, 7.917, 190.595

■ 13, 7.917, 190.595

■ 3, 7.917, 190.595

■ 0, 7.917, 190.595

■ 63, 7.917, 190.595

■ 63, 7.917, 190.595

■ 62, 13.501,

■ 64, 2.044, 191.495

189.809

66, 4.036, 11.905

61, 18.700,
189.035

67, 10.250, 12.704

60, 23.418,
188.250

68, 16.535, 13.445

60, 27.562,
187.443

70, 22.845, 14.167

59, 31.055,
186.603

72, 29.140, 14.875

59, 33.845,
185.715

74, 35.394, 15.569

58, 35.918,
184.762

75, 39.168, 15.534

58, 37.307,
183.728

58, 38.013,
183.027

Harmonies

Complementary

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



63, 7.917, 190.595



59, 8.480, 12.604

Rectangle

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



63, 7.917, 190.595



63, 7.917, 240.595



63, 7.917, 10.595



63, 7.917, 60.595

Sweetspot

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



63, 7.918, 190.586



81, 2.981, 191.408



63, 13.914, 141.032



43, 2.111, 191.328



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



63, 7.918, 190.586



80, 11.648, 190.358



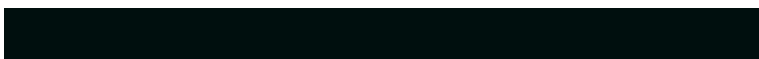
61, 6.558, 245.463



33, 3.394, 190.921



53, 35.484, 183.124



3, 4.545, 189.929

Inverse Universe

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



59, 8.480, 12.604



73, 12.673, 12.898



61, 6.922, 62.515



31, 3.557, 12.201



29, 63.858, 35.113



1, 4.519, 11.927

Previews

White Background



This preview shows how the CIELCh color 63, 7.917, 190.595 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 CIE LCh color 63, 7.917, 190.595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

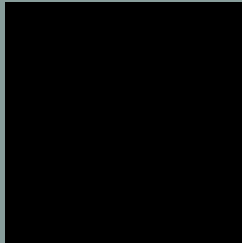
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

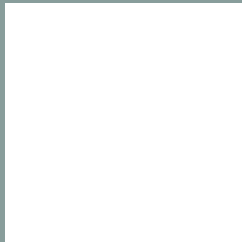
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 7.917, 190.595

Background



This preview shows how black text looks on a background with the CIELCh color 63, 7.917, 190.595.

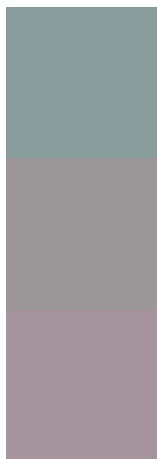


This preview shows how white text looks on a background with the CIELCh color 63, 7.917, 190.595.

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

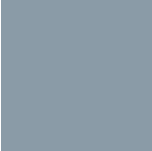
63, 7.917, 190.595

Protanopia

63, 1.650, 359.501

Deuteranopia

63, 8.287, 342.884



Tritanopia
63, 8.966, 247.711

Trichromacy



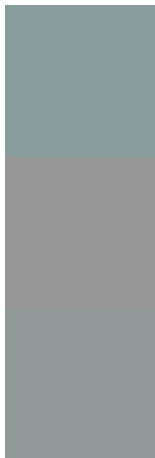
Original Color
63, 7.917, 190.595

Protanomaly
63, 1.905, 199.466

Deuteranomaly
63, 3.043, 312.571

Tritanomaly
63, 7.863, 228.868

Monochromacy



Original Color
63, 7.917, 190.595

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 2.662, 199.326

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 7.917, 190.595 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(136, 157, 155)` looks like.

```
.text, #text, p{  
    color:rgb(136, 157, 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(136, 157, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 157, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 7.917, 190.595 is called "border". The border property can be set on classes, ids or directly on the HTML element.

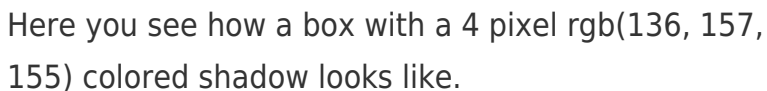
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(136, 157, 155) }
```

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

```
.border{ border-color:rgb(136, 157, 155) }
```

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



Here you see how a box with a 4 pixel `rgb(136, 157, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(136, 157, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(136, 157, 155); box-shadow:4px 4px 4px 4px rgb(136, 157, 155) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 7.917, 190.595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 157, 155) }
```

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

```
.background{ background-color: rgb(136,  
157, 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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