

Converting Colors

CIELCh(64, 8.209, 198.693)

Have a look what the booklet for
CIELCh(64, 8.209, 198.693) contains.

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Color

CIELCh(64, 8.111, 198.735)

Conversions

Conversions Part 1

Format	Color
Hex	899F9F
RGB	137, 159, 159
RGB Percent	54%, 62%, 62%
CMY	0.4612, 0.3749, 0.3749
CMYK	0.14, 0.00, 0.00, 0.37
HSL	180°, 10%, 58%
HSV	180°, 14%, 63%
XYZ	29.1396, 32.8017, 37.7776
YIQ	152.4220, -13.1120, -4.6640

Conversions

Conversions Part 2

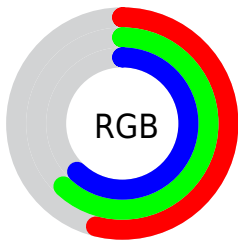
Format	Color
RYB	137, 148, 159
Decimal	9019295
CIELab	64.00, -7.68, -2.61
CIElCh	64, 8.111, 198.735
Yxy	32.8017, 0.2922, 0.3289
Android (android.graphics.Color)	4287209375 (0xFF899F9F)
YUV	152.4220, 3.2430, -13.5251
Hunter-Lab	57.2727, -9.4089, 0.9827

Details

The CIELCh color `64, 8.111, 198.735` is a dark color, and the websafe version is hex `999999`. A complement of this color would be `59, 8.845, 20.250`, and the grayscale version is `63, 0.008, 296.813`.

A 20% lighter version of the original color is `84, 8.085, 198.894`, and `44, 8.186, 198.480` is the 20% darker color. If you saturate the color by 10%, you get `63, 13.566, 198.222`, and if you desaturate by 10%, it is `65, 2.293, 199.392`.

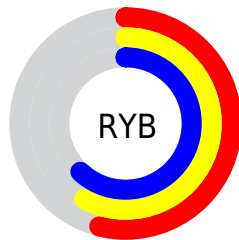
Distribution



Red (54%)

Green (62%)

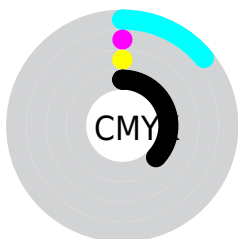
Blue (62%)



Red (54%)

Yellow (58%)

Blue (62%)

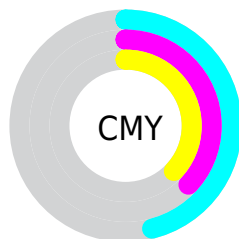


Cyan (14%)

Magenta (0%)

Yellow (0%)

Black (37%)



Cyan (46%)

Magenta (37%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 8.111, 198.735 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 64, 8.111, 198.735 by changing the saturation by 10% instead.

■ 64, 8.111, 198.735

■ 64, 8.111, 198.735

■ 100, 8.111,
198.735

■ 54, 8.111, 198.735

■ 84, 8.111, 198.735

■ 44, 8.111, 198.735

■ 94, 8.111, 198.735

■ 34, 8.111, 198.735

■ 24, 8.111, 198.735

■ 14, 8.111, 198.735

■ 4, 8.111, 198.735

■ 0, 8.111, 198.735

■ 64, 8.111, 198.735

■ 64, 8.111, 198.735

■ 63, 13.566,

■ 65, 2.293, 199.392

198.222

66, 3.803, 19.619

62, 18.563,
197.780

68, 10.098, 20.273

61, 23.008,
197.396

69, 16.525, 20.888

61, 26.817,
197.072

71, 23.028, 21.504

60, 29.925,
196.812

75, 36.100, 22.740

60, 32.296,
196.615

75, 38.566, 22.972

60, 33.930,
196.480

75, 38.566, 22.970

59, 34.877,
196.401

59, 35.275,
196.368

Harmonies

Complementary

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



64, 8.111, 198.735



59, 8.845, 20.250

Rectangle

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



64, 8.111, 198.735



64, 8.111, 248.735



64, 8.111, 18.735



64, 8.111, 68.735

Sweetspot

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



64, 8.112, 198.726



82, 2.972, 199.364



63, 14.943, 143.208



44, 2.125, 199.297



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



64, 8.112, 198.726



81, 12.210, 198.541



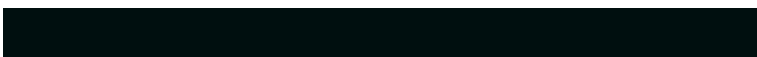
61, 7.221, 255.432



33, 3.339, 198.986



54, 32.546, 196.368



3, 4.473, 199.409

Inverse Universe

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



59, 8.845, 20.250



73, 13.630, 20.544



62, 7.497, 71.929



31, 3.535, 19.890



29, 67.088, 39.156



1, 4.473, 19.395

Previews

White Background



This preview shows how the CIELCh color 64, 8.111, 198.735 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 64, 8.111, 198.735 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

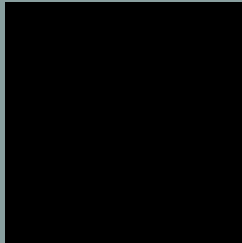
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 8.111, 198.735

Background



This preview shows how black text looks on a background with the CIELCh color 64, 8.111, 198.735.



This preview shows how white text looks on a background with the CIELCh color 64, 8.111, 198.735.

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](#).

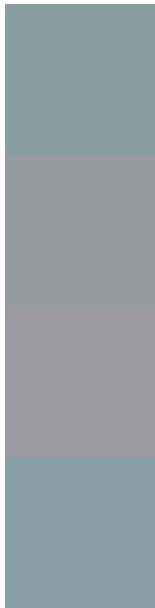
Dichromacy





Tritanopia
64, 9.413, 244.478

Trichromacy



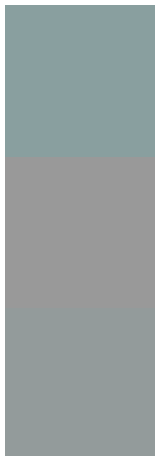
Original Color
64, 8.111, 198.735

Protanomaly
64, 2.328, 213.268

Deuteranomaly
64, 4.090, 306.718

Tritanomaly
64, 8.454, 226.443

Monochromacy



Original Color
64, 8.111, 198.735

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 3.028, 199.278

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 8.111, 198.735 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(137, 159, 159)` looks like.

```
.text, #text, p{  
    color:rgb(137, 159, 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(137, 159, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 159, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 8.111, 198.735 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(137, 159, 159) }
```

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

```
.border{ border-color:rgb(137, 159, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 159, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 159, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 159, 159);  
box-shadow:4px 4px 4px 4px rgb(137, 159,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 8.111, 198.735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 159, 159) }
```

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

```
.background{ background-color: rgb(137,  
159, 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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