

Converting Colors

CIELCh(64, 4.362, 190.649)

Have a look what the booklet for
CIELCh(64, 4.362, 190.649) contains.

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Color

CIELCh(64, 4.194, 191.480)

Conversions

Conversions Part 1

Format	Color
Hex	929D9C
RGB	146, 157, 156
RGB Percent	57%, 62%, 61%
CMY	0.4260, 0.3828, 0.3867
CMYK	0.07, 0.00, 0.01, 0.38
HSL	175°, 5%, 60%
HSV	175°, 7%, 62%
XYZ	30.0754, 32.8017, 36.3678
YIQ	153.5970, -6.2350, -2.6430

Conversions

Conversions Part 2

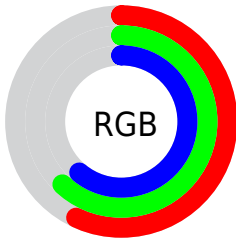
Format	Color
RYB	146, 152, 157
Decimal	9608604
CIELab	64.00, -4.11, -0.83
CIElCh	64, 4.194, 191.480
Yxy	32.8017, 0.3030, 0.3305
Android (android.graphics.Color)	4287798684 (0xFF929D9C)
YUV	153.5970, 1.1847, -6.6626
Hunter-Lab	57.2727, -6.4923, 2.4422

Details

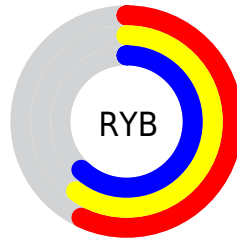
The CIELCh color $64, 4.194, 191.480$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $62, 4.348, 12.319$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 4.439, 185.464$, and $44, 4.477, 191.228$ is the 20% darker color. If you saturate the color by 10%, you get $63, 9.986, 190.660$, and if you desaturate by 10%, it is $65, 1.835, 11.845$.

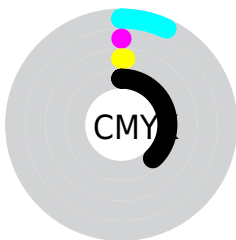
Distribution



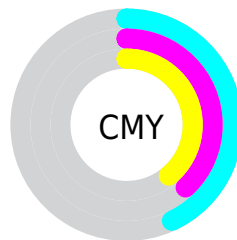
- Red (57%)
- Green (62%)
- Blue (61%)



- Red (57%)
- Yellow (60%)
- Blue (62%)



- Cyan (7%)
- Magenta (0%)
- Yellow (1%)
- Black (38%)



- Cyan (43%)
- Magenta (38%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 4.194, 191.480 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, 4.194, 191.480 by changing the saturation by 10% instead.

■ 64, 4.194, 191.480

■ 64, 4.194, 191.480

■ 100, 4.194,
191.480

■ 54, 4.194, 191.480

■ 84, 4.194, 191.480

■ 44, 4.194, 191.480

■ 94, 4.194, 191.480

■ 34, 4.194, 191.480

■ 24, 4.194, 191.480

■ 14, 4.194, 191.480

■ 4, 4.194, 191.480

■ 0, 4.194, 191.480

■ 64, 4.194, 191.480

■ 64, 4.194, 191.480

■ 63, 9.986, 190.660

■ 65, 1.835, 11.845

62, 15.448,
189.896

67, 8.026, 12.764

61, 20.488,
189.132

68, 14.313, 13.512

60, 25.007,
188.355

70, 20.642, 14.236

60, 28.918,
187.556

73, 33.271, 15.643

59, 32.151,
186.723

75, 38.901, 16.149

59, 34.666,
185.840

75, 38.867, 15.030

58, 36.468,
184.890

75, 38.849, 13.910

58, 37.644,
183.867

Harmonies

Complementary

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



64, 4.194, 191.480



62, 4.348, 12.319

Rectangle

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



64, 4.194, 191.480



64, 4.194, 241.480



64, 4.194, 11.480



64, 4.194, 61.480

Sweetspot

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



64, 4.195, 191.463



82, 1.493, 192.086



64, 7.260, 141.395



43, 0.847, 192.119



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



64, 4.195, 191.463



81, 5.915, 191.362



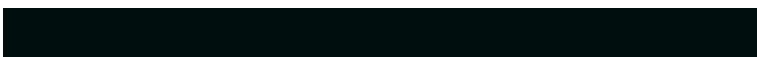
63, 3.466, 244.743



33, 3.390, 191.270



53, 35.324, 183.659



3, 4.539, 190.325

Inverse Universe

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



62, 4.348, 12.319



77, 6.167, 12.432



63, 3.555, 63.097



31, 3.554, 12.537



29, 64.015, 35.331



1, 4.515, 12.253

Previews

White Background



This preview shows how the CIELCh color 64, 4.194, 191.480 looks on a white background.

Color Contrast Check

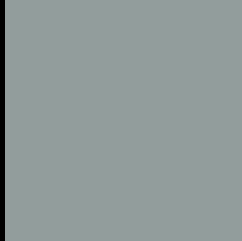
Large Text (above 18pt) WCAG AA × Fail

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, 4.194, 191.480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

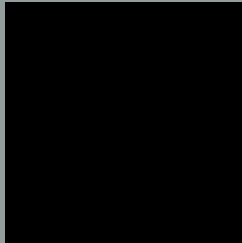
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

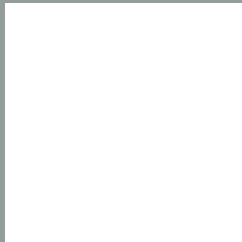
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 4.194, 191.480

Background



This preview shows how black text looks on a background with the CIELCh color 64, 4.194, 191.480.



This preview shows how white text looks on a background with the CIELCh color 64, 4.194, 191.480.

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

64, 4.194, 191.480

Protanopia

64, 1.644, 359.492

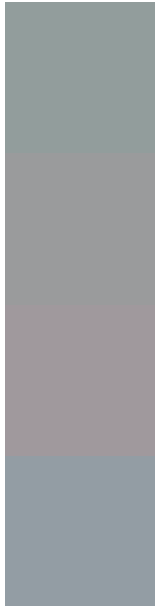
Deuteranopia

64, 8.274, 347.644



Tritanopia
64, 7.244, 267.046

Trichromacy



Original Color
64, 4.194, 191.480

Protanomaly
64, 0.676, 256.021

Deuteranomaly
64, 3.512, 340.230

Tritanomaly
64, 5.316, 246.554

Monochromacy



Original Color
64, 4.194, 191.480

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 1.522, 199.565

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 4.194, 191.480 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(146, 157, 156)` looks like.

```
.text, #text, p{  
    color:rgb(146, 157, 156)  
}
```

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(146, 157, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 157, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 4.194, 191.480 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(146, 157, 156) }
```

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

```
.border{ border-color:rgb(146, 157, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 157, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 157, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 157, 156);  
box-shadow:4px 4px 4px 4px rgb(146, 157,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 4.194, 191.480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 157, 156) }
```

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

```
.background{ background-color: rgb(146,  
157, 156) }
```

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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