

Converting Colors

CIELCh(64, 10.187, 209.268)

Have a look what the booklet for
CIELCh(64, 10.187, 209.268)
contains.

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Color

CIELCh(64, 10.270, 211.194)

Conversions

Conversions Part 1

Format	Color
Hex	84A0A4
RGB	132, 160, 164
RGB Percent	52%, 63%, 64%
CMY	0.4817, 0.3719, 0.3562
CMYK	0.19, 0.02, 0.00, 0.36
HSL	187°, 15%, 58%
HSV	187°, 19%, 64%
XYZ	28.8543, 32.8017, 40.0089
YIQ	152.0840, -17.9720, -4.6920

Conversions

Conversions Part 2

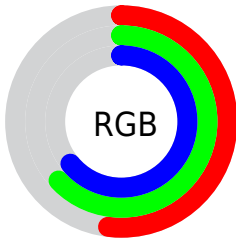
Format	Color
RYB	132, 147, 164
Decimal	8691876
CIELab	64.00, -8.79, -5.32
CIElCh	64, 10.270, 211.194
Yxy	32.8017, 0.2838, 0.3226
Android (android.graphics.Color)	4286881956 (0xFF84A0A4)
YUV	152.0840, 5.8746, -17.6137
Hunter-Lab	57.2727, -10.2980, -1.3271

Details

The CIELCh color **64, 10.270, 211.194** is a light color, and the websafe version is hex **669999**. A complement of this color would be **59, 11.692, 31.546**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 10.192, 210.757**, and **44, 10.306, 208.389** is the 20% darker color. If you saturate the color by 10%, you get **62, 15.009, 211.327**, and if you desaturate by 10%, it is **66, 5.147, 211.200**.

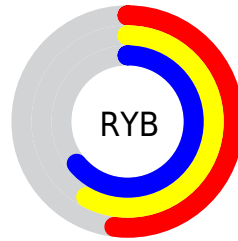
Distribution



Red (52%)

Green (63%)

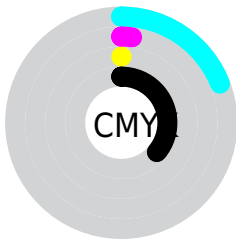
Blue (64%)



Red (52%)

Yellow (58%)

Blue (64%)

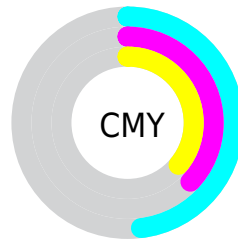


Cyan (19%)

Magenta (2%)

Yellow (0%)

Black (36%)



Cyan (48%)


Magenta (37%)


Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 10.270, 211.194 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, 10.270, 211.194 by changing the saturation by 10% instead.


 64, 10.270,
211.194


 64, 10.270,
211.194


 100, 10.270,
211.194


 54, 10.270,
211.194


 84, 10.270,
211.194

 44, 10.270,
211.194

 94, 10.270,
211.194

 34, 10.270,
211.194

 24, 10.270,
211.194

 14, 10.270,
211.194

 4, 10.270, 211.194

 0, 10.270, 211.194

64, 10.270,
211.194

64, 10.270,
211.194

62, 15.009,
211.327

66, 5.147, 211.200

61, 19.277,
211.629

68, 0.280, 29.457

69, 5.939, 31.230

60, 22.990,
212.125

71, 11.770, 31.466

58, 26.070,
212.855

73, 17.722, 31.719

76, 23.753, 31.996

57, 28.461,
213.866

78, 29.831, 32.291

56, 30.139,
215.207

79, 32.489, 33.460

80, 31.970, 35.489

55, 31.128,
216.927

55, 31.602,

218.985

■ 55, 31.625,
219.090

Harmonies

Complementary

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



64, 10.270, 211.194



59, 11.692, 31.546

Rectangle

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



64, 10.270, 211.194



64, 10.270, 261.194



64, 10.270, 31.194



64, 10.270, 81.194

Sweetspot

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



64, 10.270, 211.186



84, 4.074, 211.263



64, 20.083, 146.517



44, 2.693, 211.247



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



64, 10.270, 211.186



81, 14.854, 211.224



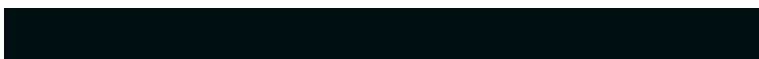
60, 11.882, 269.692



34, 3.054, 211.203



49, 28.942, 218.828



4, 4.747, 214.934

Inverse Universe

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



59, 20.007, 329.162



73, 29.327, 329.398



63, 12.076, 84.444



32, 5.751, 328.548



33, 69.058, 333.802



1, 8.684, 329.159

Previews

White Background



This preview shows how the CIE LCh color 64, 10.270, 211.194 looks on a white background.

Color Contrast Check

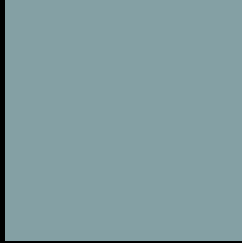
Large Text (above 18pt) WCAG AA × Fail

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, 10.270, 211.194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

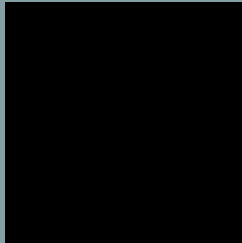
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 10.270, 211.194

Background



This preview shows how black text looks on a background with the CIELCh color 64, 10.270, 211.194.



This preview shows how white text looks on a background with the CIELCh color 64, 10.270, 211.194.

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

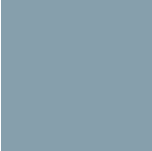
64, 10.270, 211.194

Protanopia

64, 3.447, 303.232

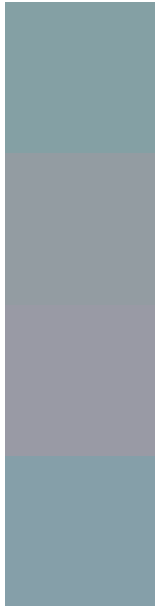
Deuteranopia

64, 10.624, 323.217



Tritanopia
64, 11.248, 239.137

Trichromacy



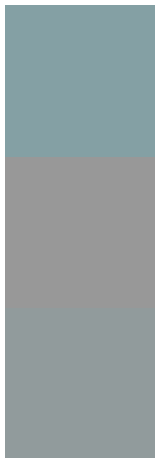
Original Color
64, 10.270, 211.194

Protanomaly
64, 4.683, 244.982

Deuteranomaly
64, 6.147, 287.378

Tritanomaly
64, 10.654, 230.462

Monochromacy



Original Color
64, 10.270, 211.194

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 3.795, 207.667

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 10.270, 211.194 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(132, 160, 164)` looks like.

```
.text, #text, p{  
    color:rgb(132, 160, 164)  
}
```

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(132, 160, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 160, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 10.270, 211.194 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(132, 160, 164) }
```

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

```
.border{ border-color:rgb(132, 160, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 160, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 160, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 160, 164);  
box-shadow:4px 4px 4px 4px rgb(132, 160,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 10.270, 211.194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 160, 164) }
```

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

```
.background{ background-color: rgb(132,  
160, 164) }
```

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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