

Converting Colors

CIELCh(64, 11.697, 177.889)

Have a look what the booklet for
CIELCh(64, 11.697, 177.889)
contains.

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Color

CIELCh(64, 11.512, 178.539)

Conversions

Conversions Part 1

Format	Color
Hex	84A19A
RGB	132, 161, 154
RGB Percent	52%, 63%, 60%
CMY	0.4817, 0.3680, 0.3955
CMYK	0.18, 0.00, 0.04, 0.37
HSL	166°, 13%, 58%
HSV	166°, 18%, 63%
XYZ	28.1585, 32.8017, 35.4879
YIQ	151.5310, -15.0370, -8.3250

Conversions

Conversions Part 2

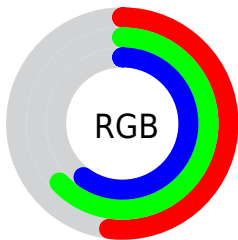
Format	Color
RYB	132, 148, 161
Decimal	8692122
CIELab	64.00, -11.51, 0.29
CIELCh	64, 11.512, 178.539
Yxy	32.8017, 0.2920, 0.3401
Android (android.graphics.Color)	4286882202 (0xFF84A19A)
YUV	151.5310, 1.2172, -17.1287
Hunter-Lab	57.2727, -12.4666, 3.3530

Details

The CIELCh color **64, 11.512, 178.539** is a light color, and the websafe version is hex **669999**. A complement of this color would be **58, 12.251, 1.898**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 11.814, 177.640**, and **44, 11.267, 179.407** is the 20% darker color. If you saturate the color by 10%, you get **63, 17.610, 177.527**, and if you desaturate by 10%, it is **65, 5.176, 179.513**.

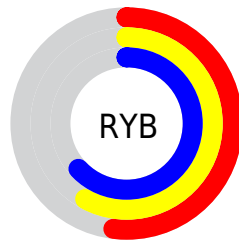
Distribution



Red (52%)

Green (63%)

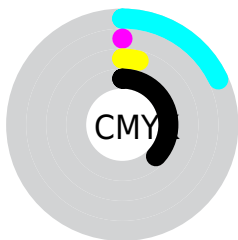
Blue (60%)



Red (52%)

Yellow (58%)

Blue (63%)

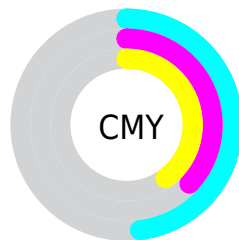


Cyan (18%)

Magenta (0%)

Yellow (4%)

Black (37%)



Cyan (48%)


Magenta (37%)


Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 11.512, 178.539 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, 11.512, 178.539 by changing the saturation by 10% instead.


 64, 11.512,
178.539


 64, 11.512,
178.539


 100, 11.512,
178.539


 54, 11.512,
178.539


 84, 11.512,
178.539

 44, 11.512,
178.539


 94, 11.512,
178.539

 34, 11.512,
178.539

 24, 11.512,
178.539

 14, 11.512,
178.539

 4, 11.512, 178.539

 0, 11.512, 178.539

64, 11.512,
178.539

64, 11.512,
178.539

63, 17.610,
177.527

65, 5.176, 179.513

62, 23.367,
176.453

67, 1.311, 359.992

68, 7.871, 1.103

61, 28.677,
175.291

70, 14.444, 1.933

60, 33.440,
174.020

71, 20.980, 2.715

73, 27.445, 3.464

60, 37.572,
172.617

75, 33.813, 4.184

59, 41.020,
171.059

76, 37.861, 3.463

76, 38.316, 0.453

59, 43.777,
169.327

59, 45.951,

167.447

■ 59, 46.370,
167.079

Harmonies

Complementary

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



64, 11.512, 178.539



58, 12.251, 1.898

Rectangle

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



64, 11.512, 178.539



64, 11.512, 228.539



64, 11.512, 358.539



64, 11.512, 48.539

Sweetspot

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



64, 11.513, 178.534



83, 4.009, 179.821



64, 18.280, 136.480



44, 2.729, 179.748



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, 11.513, 178.534



80, 17.280, 178.097



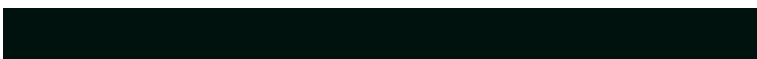
62, 8.780, 226.521



34, 3.694, 179.386



53, 42.877, 167.270



4, 5.971, 176.361

Inverse Universe

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



58, 12.251, 1.898



71, 18.686, 2.424



60, 9.791, 44.677



32, 3.814, 0.940



30, 59.054, 24.993



1, 5.756, 1.830

Previews

White Background



This preview shows how the CIELCh color 64, 11.512, 178.539 looks on a white background.

Color Contrast Check

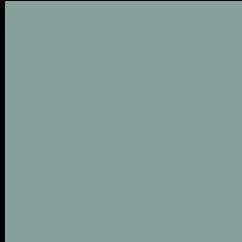
Large Text (above 18pt) WCAG AA × Fail

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 64, 11.512, 178.539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

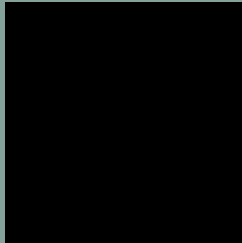
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

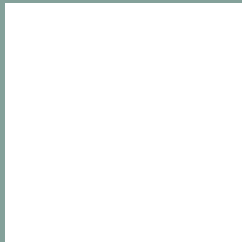
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 11.512, 178.539

Background



This preview shows how black text looks on a background with the CIELCh color 64, 11.512, 178.539.



This preview shows how white text looks on a background with the CIELCh color 64, 11.512, 178.539.

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, 11.512, 178.539

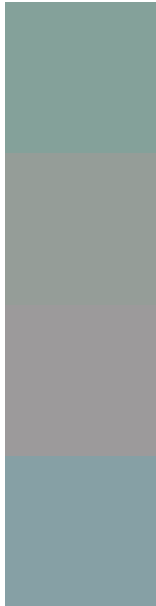
Protanopia
64, 2.940, 68.433

Deuteranopia
64, 8.108, 355.884



Tritanopia
64, 10.671, 237.840

Trichromacy



Original Color
64, 11.512, 178.539

Protanomaly
64, 4.162, 157.194

Deuteranomaly
64, 0.959, 343.401

Tritanomaly
64, 9.706, 215.427

Monochromacy



Original Color
64, 11.512, 178.539

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 3.972, 182.799

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 11.512, 178.539 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, 161, 154)` looks like.

```
.text, #text, p{  
    color:rgb(132, 161, 154)  
}
```

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, 161, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 161, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 11.512, 178.539 is called "border". The border property can be set on classes, ids or directly on the HTML element.

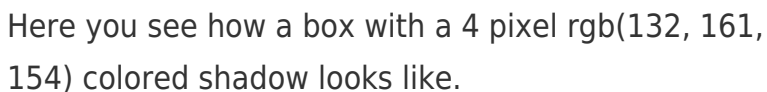
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(132, 161, 154) }
```

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

```
.border{ border-color:rgb(132, 161, 154) }
```

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



Here you see how a box with a 4 pixel `rgb(132, 161, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(132, 161, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(132, 161, 154); box-shadow:4px 4px 4px 4px rgb(132, 161, 154) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 11.512, 178.539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 161, 154) }
```

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

```
.background{ background-color: rgb(132,  
161, 154) }
```

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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