

Converting Colors

CIELCh(64, 11.460, 59.939)

Have a look what the booklet for
CIELCh(64, 11.460, 59.939) contains.

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Color

CIELCh(64, 11.211, 59.858)

Conversions

Conversions Part 1

Format	Color
Hex	AC978A
RGB	172, 151, 138
RGB Percent	67%, 59%, 54%
CMY	0.3249, 0.4073, 0.4583
CMYK	0.00, 0.12, 0.20, 0.32
HSL	23°, 17%, 61%
HSV	23°, 20%, 68%
XYZ	32.7290, 32.8017, 28.7012
YIQ	155.7970, 16.6890, 0.4090

Conversions

Conversions Part 2

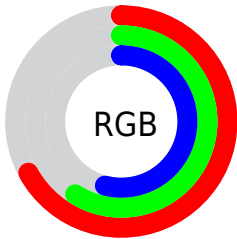
Format	Color
RYB	172, 159, 138
Decimal	11310986
CIELab	64.00, 5.63, 9.70
CIElCh	64, 11.211, 59.858
Yxy	32.8017, 0.3473, 0.3481
Android (android.graphics.Color)	4289501066 (0xFFAC978A)
YUV	155.7970, -8.7739, 14.2100
Hunter-Lab	57.2727, 1.7781, 10.3789




Details

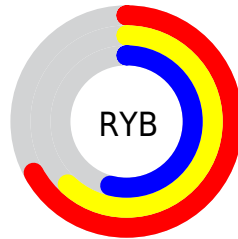
The CIELCh color **64, 11.211, 59.858** is a light color, and the websafe version is hex **999999**. A complement of this color would be **64, 10.254, 244.094**, and the grayscale version is **64, 0.008, 296.813**.




A 20% lighter version of the original color is **84, 11.446, 59.683**, and **44, 11.134, 59.911** is the 20% darker color. If you saturate the color by 10%, you get **61, 17.454, 58.983**, and if you desaturate by 10%, it is **67, 5.359, 60.761**.

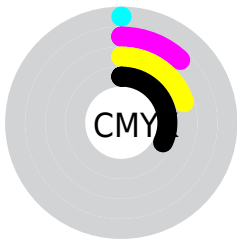
Distribution







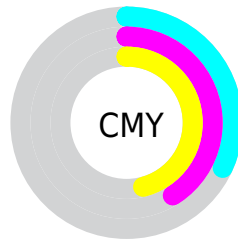
-  Red (67%)
-  Green (59%)
-  Blue (54%)






-  Red (67%)
-  Yellow (62%)
-  Blue (54%)



-  Cyan (0%)
-  Magenta (12%)
-  Yellow (20%)
-  Black (32%)



-  Cyan (32%)
-  Magenta (41%)
-  Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 11.211, 59.858 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, 11.211, 59.858 by changing the saturation by 10% instead.

■ 64, 11.211, 59.858

■ 64, 11.211, 59.858

■ 100, 11.211,
59.858

■ 54, 11.211, 59.858

■ 84, 11.211, 59.858

■ 44, 11.211, 59.858

■ 94, 11.211, 59.858

■ 34, 11.211, 59.858

■ 24, 11.211, 59.858

■ 14, 11.211, 59.858

■ 4, 11.211, 59.858

■ 0, 11.211, 59.858

■ 64, 11.211, 59.858

■ 64, 11.211, 59.858

■ 61, 17.454, 58.983

■ 67, 5.359, 60.761

58, 24.115, 58.134

70, 0.136, 244.795

55, 31.198, 57.336

74, 5.310, 242.818

52, 38.667, 56.585

77, 10.200,
243.730

49, 46.398, 55.843

80, 14.841,
244.654

47, 54.093, 55.002

44, 61.124, 53.808

84, 19.262,
245.563

42, 67.038, 52.229

87, 22.300,
242.616

42, 67.192, 52.205

90, 22.058,
224.773

93, 23.781,
208.303

Harmonies

Complementary

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



64, 11.211, 59.858



64, 10.254, 244.094

Rectangle

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



64, 11.211, 59.858



64, 11.211, 109.858



64, 11.211, 239.858



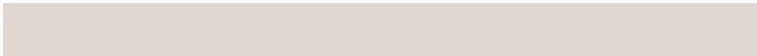
64, 11.211, 289.858

Sweetspot

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



64, 11.211, 59.870



87, 4.041, 61.059



61, 17.801, 338.570



46, 2.682, 61.012



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



64, 11.211, 59.870



80, 17.160, 59.452



68, 16.200, 102.014



35, 3.124, 60.800



37, 60.633, 52.628



3, 6.390, 53.033

Inverse Universe

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



64, 10.254, 244.094



80, 15.327, 244.774



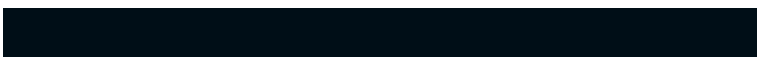
60, 16.707, 286.536



35, 3.006, 242.813



38, 37.919, 268.954



3, 6.740, 253.024

Previews

White Background



This preview shows how the CIELCh color 64, 11.211, 59.858 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, 11.211, 59.858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

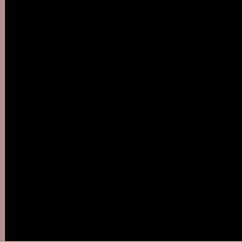
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 11.211, 59.858

Background



This preview shows how black text looks on a background with the CIELCh color 64, 11.211, 59.858.



This preview shows how white text looks on a background with the CIELCh color 64, 11.211, 59.858.

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, 11.211, 59.858

Protanopia

64, 8.773, 90.645

Deuteranopia

64, 12.569, 52.016



Tritanopia
64, 12.394, 348.107

Trichromacy



Original Color
64, 11.211, 59.858

Protanomaly
64, 9.627, 79.127

Deuteranomaly
64, 12.216, 53.027

Tritanomaly
64, 9.977, 10.763

Monochromacy



Original Color
64, 11.211, 59.858

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 3.822, 55.016

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 11.211, 59.858 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(172, 151, 138)` looks like.

```
.text, #text, p{  
    color:rgb(172, 151, 138)  
}
```

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(172, 151, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 151, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 11.211, 59.858 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(172, 151, 138) }
```

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

```
.border{ border-color:rgb(172, 151, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 151, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 151, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 151, 138);  
box-shadow:4px 4px 4px 4px rgb(172, 151,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 11.211, 59.858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 151, 138) }
```

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

```
.background{ background-color: rgb(172,  
151, 138) }
```

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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