

Converting Colors

CIELCh(64, 12.681, 61.409)

Have a look what the booklet for
CIELCh(64, 12.681, 61.409) contains.

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Color

CIELCh(64, 12.611, 61.091)

Conversions

Conversions Part 1

Format	Color
Hex	AE9788
RGB	174, 151, 136
RGB Percent	68%, 59%, 53%
CMY	0.3186, 0.4087, 0.4675
CMYK	0.00, 0.13, 0.22, 0.32
HSL	24°, 19%, 61%
HSV	24°, 22%, 68%
XYZ	32.8600, 32.8017, 27.8079
YIQ	156.1670, 18.5230, 0.2110

Conversions

Conversions Part 2

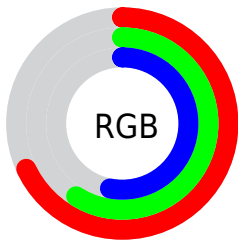
Format	Color
RYB	174, 161, 136
Decimal	11442056
CIELab	64.00, 6.10, 11.04
CIELCh	64, 12.611, 61.091
Yxy	32.8017, 0.3516, 0.3509
Android (android.graphics.Color)	4289632136 (0xFFAE9788)
YUV	156.1670, -9.9423, 15.6395
Hunter-Lab	57.2727, 2.1863, 11.3036

Details

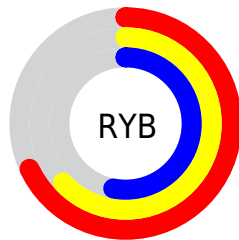
The CIELCh color **64, 12.611, 61.091** is a light color, and the websafe version is hex **999999**. A complement of this color would be **64, 11.461, 245.986**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 12.754, 60.918**, and **44, 12.669, 61.103** is the 20% darker color. If you saturate the color by 10%, you get **61, 18.983, 60.171**, and if you desaturate by 10%, it is **67, 6.629, 62.043**.

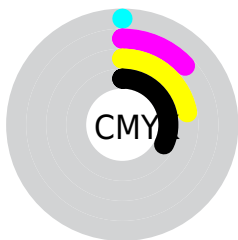
Distribution



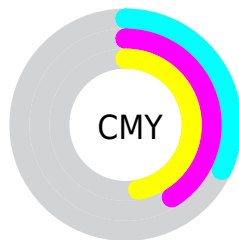
- Red (68%)
- Green (59%)
- Blue (53%)



- Red (68%)
- Yellow (63%)
- Blue (53%)



- Cyan (0%)
- Magenta (13%)
- Yellow (22%)
- Black (32%)



- Cyan (32%)
- Magenta (41%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 12.611, 61.091 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, 12.611, 61.091 by changing the saturation by 10% instead.

■ 64, 12.611, 61.091

■ 64, 12.611, 61.091

■ 100, 12.611,
61.091

■ 54, 12.611, 61.091

■ 84, 12.611, 61.091

■ 44, 12.611, 61.091

■ 94, 12.611, 61.091

■ 34, 12.611, 61.091

■ 24, 12.611, 61.091

■ 14, 12.611, 61.091

■ 4, 12.611, 61.091

■ 0, 12.611, 61.091

■ 64, 12.611, 61.091

■ 64, 12.611, 61.091

■ 61, 18.983, 60.171

■ 67, 6.629, 62.043

58, 25.768, 59.275

70, 1.005, 62.688

55, 32.960, 58.422

74, 4.297, 244.172

52, 40.508, 57.602

77, 9.312, 245.104

49, 48.255, 56.765

80, 14.074,
246.056

47, 55.841, 55.779

84, 18.615,
246.994

45, 62.541, 54.349

43, 67.222, 52.975

87, 22.132,
245.407

90, 21.578,
227.517

92, 23.015,
210.572

Harmonies

Complementary

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



64, 12.611, 61.091



64, 11.461, 245.986

Rectangle

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



64, 12.611, 61.091



64, 12.611, 111.091



64, 12.611, 241.091



64, 12.611, 291.091

Sweetspot

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



64, 12.611, 61.102



87, 4.789, 62.467



61, 19.645, 339.527



46, 3.142, 62.417



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



64, 12.611, 61.102



80, 18.914, 60.670



69, 18.367, 102.669



35, 3.133, 62.277



37, 60.234, 53.432



3, 6.388, 54.290

Inverse Universe

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



64, 11.461, 245.986



80, 16.803, 246.706



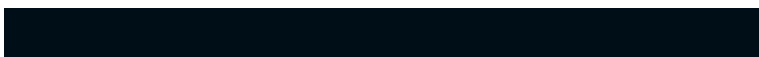
59, 19.054, 287.658



35, 3.020, 244.355



37, 38.847, 270.740



3, 6.797, 254.414

Previews

White Background



This preview shows how the CIELCh color 64, 12.611, 61.091 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, 12.611, 61.091 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, 12.611, 61.091

Background



This preview shows how black text looks on a background with the CIELCh color 64, 12.611, 61.091.



This preview shows how white text looks on a background with the CIELCh color 64, 12.611, 61.091.

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, 12.611, 61.091

Protanopia

64, 9.835, 92.520

Deuteranopia

64, 13.625, 52.068



Tritanopia
64, 13.411, 350.974

Trichromacy



Original Color
64, 12.611, 61.091

Protanomaly
64, 10.335, 78.597

Deuteranomaly
64, 13.245, 55.873

Tritanomaly
64, 11.182, 11.938

Monochromacy



Original Color
64, 12.611, 61.091

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 4.173, 61.171

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 12.611, 61.091 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(174, 151, 136)` looks like.

```
.text, #text, p{  
    color:rgb(174, 151, 136)  
}
```

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(174, 151, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 151, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 12.611, 61.091 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(174, 151, 136) }
```

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

```
.border{ border-color:rgb(174, 151, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 151, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 151, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 151, 136);  
box-shadow:4px 4px 4px 4px rgb(174, 151,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 12.611, 61.091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 151, 136) }
```

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

```
.background{ background-color: rgb(174,  
151, 136) }
```

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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