

Converting Colors

CIELCh(64, 16.954, 62.214)

Have a look what the booklet for
CIELCh(64, 16.954, 62.214) contains.

CIELCh(64, 16.849, 61.105)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(64, 16.849, 61.105)

Conversions

Conversions Part 1

Format	Color
Hex	B39581
RGB	179, 149, 129
RGB Percent	70%, 58%, 51%
CMY	0.2968, 0.4145, 0.4930
CMYK	0.00, 0.17, 0.28, 0.30
HSL	24°, 25%, 61%
HSV	24°, 28%, 70%
XYZ	33.4379, 32.8017, 25.4382
YIQ	155.6900, 24.3000, 0.1400

Conversions

Conversions Part 2

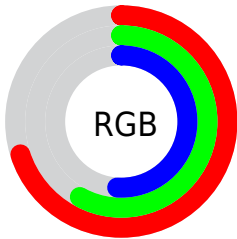
Format	Color
RYB	179, 162, 129
Decimal	11769217
CIELab	64.00, 8.14, 14.75
CIElCh	64, 16.849, 61.105
Yxy	32.8017, 0.3647, 0.3578
Android (android.graphics.Color)	4289959297 (0xFFB39581)
YUV	155.6900, -13.1582, 20.4429
Hunter-Lab	57.2727, 3.9873, 13.7567

Details

The CIELCh color **64, 16.849, 61.105** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **64, 14.892, 247.627**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 16.694, 61.152**, and **44, 16.560, 60.450** is the 20% darker color. If you saturate the color by 10%, you get **61, 23.638, 60.178**, and if you desaturate by 10%, it is **67, 10.471, 62.074**.

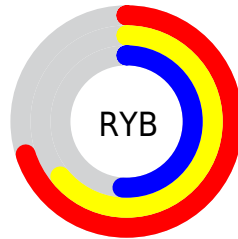
Distribution



Red (70%)

Green (58%)

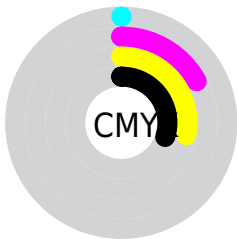
Blue (51%)



Red (70%)

Yellow (64%)

Blue (51%)

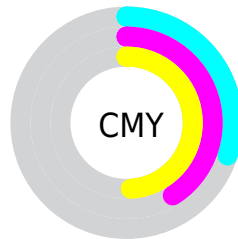


Cyan (0%)

Magenta (17%)

Yellow (28%)

Black (30%)



Cyan (30%)

Magenta (41%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 16.849, 61.105 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, 16.849, 61.105 by changing the saturation by 10% instead.

■ 64, 16.849, 61.105

■ 64, 16.849, 61.105

■ 100, 16.849,
61.105

■ 54, 16.849, 61.105

■ 84, 16.849, 61.105

■ 44, 16.849, 61.105

■ 94, 16.849, 61.105

■ 34, 16.849, 61.105

■ 24, 16.849, 61.105

■ 14, 16.849, 61.105

■ 4, 16.849, 61.105

■ 0, 16.849, 61.105

■ 64, 16.849, 61.105

■ 64, 16.849, 61.105

■ 61, 23.638, 60.178

■ 67, 10.471, 62.074

58, 30.847, 59.282

70, 4.478, 63.018

55, 38.445, 58.421

74, 1.165, 244.466

52, 46.317, 57.566

77, 6.495, 245.181

50, 54.190, 56.621

80, 11.548,
246.144

47, 61.476, 55.362

84, 16.356,
247.104

45, 67.401, 53.529

87, 20.951,
248.044

45, 68.665, 53.226

90, 20.222,
228.928

93, 21.647,
210.442

Harmonies

Complementary

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



64, 16.849, 61.105



64, 14.892, 247.627

Rectangle

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



64, 16.849, 61.105



64, 16.849, 111.105



64, 16.849, 241.105



64, 16.849, 291.105

Sweetspot

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



64, 16.849, 61.113



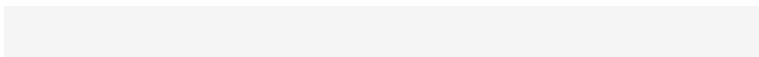
89, 5.599, 62.997



60, 25.481, 340.871



47, 4.030, 62.862



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



64, 16.849, 61.113



79, 25.030, 60.580



71, 24.416, 102.879



36, 3.214, 62.890



38, 60.839, 53.720



4, 7.500, 52.659

Inverse Universe

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



64, 14.892, 247.627



79, 21.496, 248.651



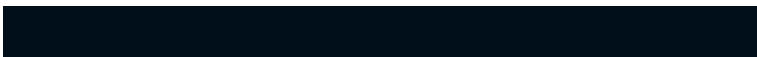
57, 25.703, 289.359



36, 3.100, 245.002



38, 39.778, 271.548



4, 8.089, 256.648

Previews

White Background



This preview shows how the CIELCh color 64, 16.849, 61.105 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, 16.849, 61.105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

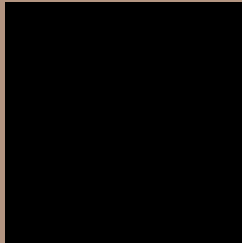
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 16.849, 61.105

Background



This preview shows how black text looks on a background with the CIELCh color 64, 16.849, 61.105.



This preview shows how white text looks on a background with the CIELCh color 64, 16.849, 61.105.

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, 16.849, 61.105

Protanopia

64, 13.159, 94.430

Deuteranopia

64, 16.849, 61.105



Tritanopia
64, 15.897, 356.316

Trichromacy



Original Color
64, 16.849, 61.105

Protanomaly
64, 13.899, 80.587

Deuteranomaly
64, 16.849, 61.105

Tritanomaly
64, 13.613, 20.699

Monochromacy



Original Color
64, 16.849, 61.105

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 5.936, 67.900

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 16.849, 61.105 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(179, 149, 129)` looks like.

```
.text, #text, p{  
    color:rgb(179, 149, 129)  
}
```

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(179, 149, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 149, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 16.849, 61.105 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(179, 149, 129) }
```

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

```
.border{ border-color:rgb(179, 149, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 149, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 149, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 149, 129);  
box-shadow:4px 4px 4px 4px rgb(179, 149,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 16.849, 61.105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 149, 129) }
```

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

```
.background{ background-color: rgb(179,  
149, 129) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor