

Converting Colors

CIELCh(64, 15.163, 55.178)

Have a look what the booklet for
CIELCh(64, 15.163, 55.178) contains.

CIELCh(64, 15.348, 55.401)	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, 15.348, 55.401)

Conversions

Conversions Part 1

Format	Color
Hex	B39585
RGB	179, 149, 133
RGB Percent	70%, 58%, 52%
CMY	0.2978, 0.4154, 0.4782
CMYK	0.00, 0.17, 0.26, 0.30
HSL	21°, 23%, 61%
HSV	21°, 26%, 70%
XYZ	33.6011, 32.8017, 26.7729
YIQ	156.1460, 23.0160, 1.3840

Conversions

Conversions Part 2

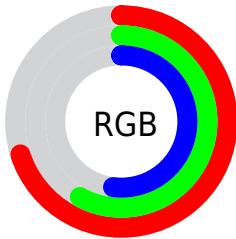
Format	Color
RYB	179, 158, 133
Decimal	11769221
CIELab	64.00, 8.72, 12.63
CIELCh	64, 15.348, 55.401
Yxy	32.8017, 0.3606, 0.3520
Android (android.graphics.Color)	4289959301 (0xFFB39585)
YUV	156.1460, -11.4110, 20.0430
Hunter-Lab	57.2727, 4.4962, 12.3750

Details

The CIELCh color **64, 15.348, 55.401** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **65, 13.429, 240.412**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 15.292, 55.632**, and **44, 15.709, 54.982** is the 20% darker color. If you saturate the color by 10%, you get **61, 22.101, 54.703**, and if you desaturate by 10%, it is **67, 9.048, 56.165**.

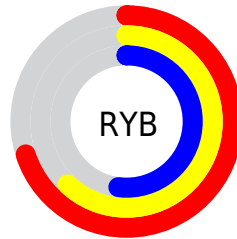
Distribution



Red (70%)

Green (58%)

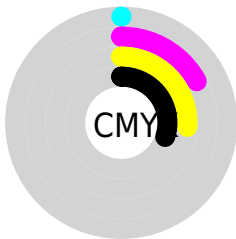
Blue (52%)



Red (70%)

Yellow (62%)

Blue (52%)

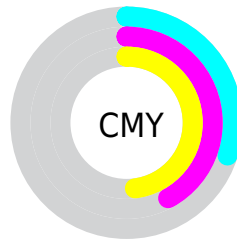


Cyan (0%)

Magenta (17%)

Yellow (26%)

Black (30%)



Cyan (30%)

Magenta (42%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 15.348, 55.401 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, 15.348, 55.401 by changing the saturation by 10% instead.

■ 64, 15.348, 55.401

■ 64, 15.348, 55.401

■ 100, 15.348,
55.401

■ 54, 15.348, 55.401

■ 84, 15.348, 55.401

■ 44, 15.348, 55.401

■ 94, 15.348, 55.401

■ 34, 15.348, 55.401

■ 24, 15.348, 55.401

■ 14, 15.348, 55.401

■ 4, 15.348, 55.401

■ 0, 15.348, 55.401

■ 64, 15.348, 55.401

■ 64, 15.348, 55.401

■ 61, 22.101, 54.703

■ 67, 9.048, 56.165

57, 29.329, 54.065

71, 3.169, 56.891

54, 37.017, 53.504

75, 2.331, 238.062

51, 45.085, 53.005

78, 7.492, 238.788

49, 53.318, 52.495

82, 12.356,
239.621

46, 61.222, 51.783

85, 16.957,
240.461

44, 67.866, 50.482

43, 70.585, 50.018

89, 20.337,
237.122

92, 21.002,
216.301

95, 23.970,
198.980

Harmonies

Complementary

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



64, 15.348, 55.401



65, 13.429, 240.412

Rectangle

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



64, 15.348, 55.401



64, 15.348, 105.401



64, 15.348, 235.401



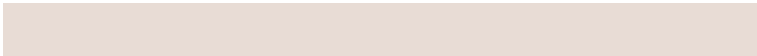
64, 15.348, 285.401

Sweetspot

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



64, 15.348, 55.410



89, 5.548, 56.731



61, 24.510, 337.544



47, 3.995, 56.624



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, 15.348, 55.410



79, 23.345, 54.990



70, 21.053, 99.470



36, 3.186, 56.646



37, 62.577, 50.477



4, 7.549, 47.686

Inverse Universe

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



65, 13.429, 240.412



81, 19.729, 241.310



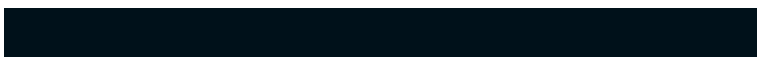
59, 21.809, 285.709



36, 3.051, 238.458



40, 36.007, 263.676



4, 7.793, 250.561

Previews

White Background



This preview shows how the CIELCh color 64, 15.348, 55.401 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, 15.348, 55.401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

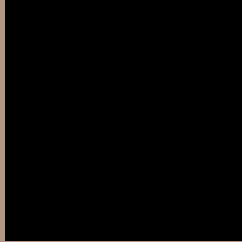
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 15.348, 55.401

Background



This preview shows how black text looks on a background with the CIELCh color 64, 15.348, 55.401.



This preview shows how white text looks on a background with the CIELCh color 64, 15.348, 55.401.

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, 15.348, 55.401

Protanopia

64, 10.906, 94.003

Deuteranopia

64, 15.003, 56.312



Tritanopia
64, 15.320, 357.545

Trichromacy



Original Color
64, 15.348, 55.401

Protanomaly
64, 11.731, 77.697

Deuteranomaly
64, 15.003, 56.312

Tritanomaly
64, 13.587, 18.381

Monochromacy



Original Color
64, 15.348, 55.401

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 5.134, 52.354

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 15.348, 55.401 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, 133)` looks like.

```
.text, #text, p{  
    color:rgb(179, 149, 133)  
}
```

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, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 149, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 15.348, 55.401 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, 133) }
```

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

```
.border{ border-color:rgb(179, 149, 133) }
```

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, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 149, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 149, 133);  
box-shadow:4px 4px 4px 4px rgb(179, 149,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 15.348, 55.401 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, 133) }
```

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

```
.background{ background-color: rgb(179,  
149, 133) }
```

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