

Converting Colors

CIELCh(64, 35.351, 59.049)

Have a look what the booklet for
CIELCh(64, 35.351, 59.049) contains.

CIELCh(64, 35.352, 59.101)	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, 35.352, 59.101)

Conversions

Conversions Part 1

Format	Color
Hex	CA8E66
RGB	202, 142, 102
RGB Percent	79%, 56%, 40%
CMY	0.2084, 0.4436, 0.6005
CMYK	0.00, 0.30, 0.50, 0.21
HSL	24°, 48%, 60%
HSV	24°, 50%, 79%
XYZ	36.3649, 32.8017, 16.9537
YIQ	155.3800, 48.6000, 0.2800

Conversions

Conversions Part 2

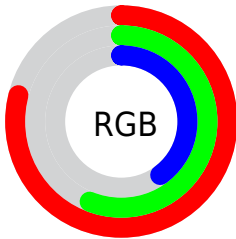
Format	Color
R _Y B	202, 169, 102
Decimal	13274726
CIE Lab	64.00, 18.15, 30.33
CIE LCh	64, 35.352, 59.101
Yxy	32.8017, 0.4223, 0.3809
Android (android.graphics.Color)	4291464806 (0xFFCA8E66)
YUV	155.3800, -26.3163, 40.8857
Hunter-Lab	57.2727, 13.1100, 22.5401

Details

The CIELCh color **64, 35.352, 59.101** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **64, 27.803, 252.355**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 33.199, 61.626**, and **44, 35.353, 59.776** is the 20% darker color. If you saturate the color by 10%, you get **61, 43.794, 58.243**, and if you desaturate by 10%, it is **67, 27.323, 60.002**.

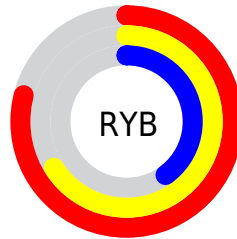
Distribution



Red (79%)

Green (56%)

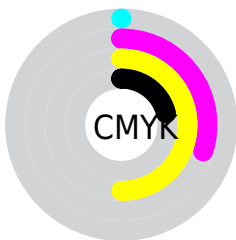
Blue (40%)



Red (79%)

Yellow (66%)

Blue (40%)

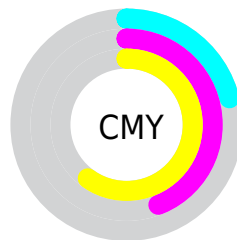


Cyan (0%)

Magenta (30%)

Yellow (50%)

Black (21%)



Cyan (21%)

Magenta (44%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 35.352, 59.101 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, 35.352, 59.101 by changing the saturation by 10% instead.

64, 35.352, 59.101

64, 35.352, 59.101

100, 35.352,
59.101

54, 35.352, 59.101

84, 35.352, 59.101

44, 35.352, 59.101

94, 35.352, 59.101

34, 35.352, 59.101

24, 35.352, 59.101

14, 35.352, 59.101

4, 35.352, 59.101

0, 35.352, 59.101

64, 35.352, 59.101

64, 35.352, 59.101

61, 43.794, 58.243

67, 27.323, 60.002

58, 52.498, 57.373

71, 19.758, 60.938

55, 61.093, 56.374

74, 12.653, 61.903

52, 68.823, 54.978

78, 5.982, 62.866

50, 74.907, 52.981

81, 0.294, 245.476

50, 75.198, 52.904

85, 6.215, 245.038

89, 11.822,
246.004

92, 14.552,
234.186

95, 16.240,
205.985

Harmonies

Complementary

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



64, 35.352, 59.101



64, 27.803, 252.355

Rectangle

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



64, 35.352, 59.101



64, 35.352, 109.101



64, 35.352, 239.101



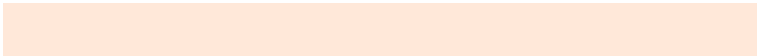
64, 35.352, 289.101

Sweetspot

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



64, 35.351, 59.106



93, 11.589, 62.324



57, 49.039, 343.153



49, 7.960, 62.116



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



64, 35.351, 59.106



76, 52.514, 58.219



77, 47.015, 100.540



41, 3.590, 62.878



41, 64.660, 53.463



7, 14.641, 46.217

Inverse Universe

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



64, 27.803, 252.355



76, 39.011, 255.374



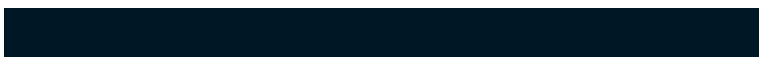
50, 52.439, 293.468



41, 3.460, 245.022



41, 42.409, 271.910



7, 13.358, 260.156

Previews

White Background



This preview shows how the CIELCh color 64, 35.352, 59.101 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, 35.352, 59.101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

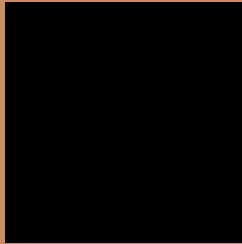
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 35.352, 59.101

Background



This preview shows how black text looks on a background with the CIELCh color 64, 35.352, 59.101.



This preview shows how white text looks on a background with the CIELCh color 64, 35.352, 59.101.

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





Tritanopia
64, 28.695, 11.528

Trichromacy



Original Color
64, 35.352, 59.101

Protanomaly
64, 28.342, 79.946

Deuteranomaly
64, 32.670, 68.976

Tritanomaly
64, 28.231, 31.015

Monochromacy



Original Color
64, 35.352, 59.101

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 11.926, 60.506

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 35.352, 59.101 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(202, 142, 102)` looks like.

```
.text, #text, p{  
    color:rgb(202, 142, 102)  
}
```

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(202, 142, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 142, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 35.352, 59.101 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(202, 142, 102) }
```

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

```
.border{ border-color:rgb(202, 142, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 142, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 142, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 142, 102);  
box-shadow:4px 4px 4px 4px rgb(202, 142,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 35.352, 59.101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 142, 102) }
```

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

```
.background{ background-color: rgb(202,  
142, 102) }
```

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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