

Converting Colors

CIELCh(65, 39.455, 62.085)

Have a look what the booklet for
CIELCh(65, 39.455, 62.085) contains.

CIELCh(65, 39.547, 61.978)	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(65, 39.547, 61.978)

Conversions

Conversions Part 1

Format	Color
Hex	CF9060
RGB	207, 144, 96
RGB Percent	81%, 56%, 38%
CMY	0.1883, 0.4353, 0.6236
CMYK	0.00, 0.30, 0.54, 0.19
HSL	26°, 54%, 59%
HSV	26°, 54%, 81%
XYZ	37.8069, 34.0472, 15.6409
YIQ	157.3650, 52.9560, -1.5720

Conversions

Conversions Part 2

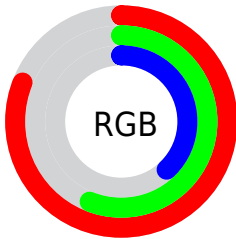
Format	Color
R _Y B	207, 181, 96
Decimal	13602912
CIE Lab	65.00, 18.58, 34.91
CIE LCh	65, 39.547, 61.978
Yxy	34.0472, 0.4321, 0.3891
Android (android.graphics.Color)	4291792992 (0xFFCF9060)
YUV	157.3650, -30.2529, 43.5299
Hunter-Lab	58.3500, 13.5438, 24.9521

Details

The CIELCh color **65, 39.547, 61.978** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **63, 31.456, 257.825**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 36.151, 67.235**, and **45, 39.426, 61.895** is the 20% darker color. If you saturate the color by 10%, you get **62, 48.147, 60.942**, and if you desaturate by 10%, it is **68, 31.262, 63.021**.

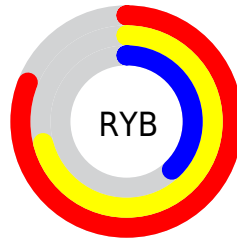
Distribution



Red (81%)

Green (56%)

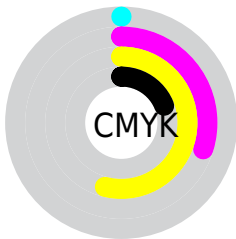
Blue (38%)



Red (81%)

Yellow (71%)

Blue (38%)

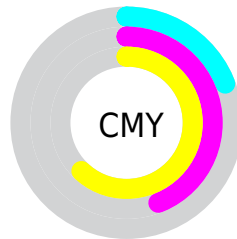


Cyan (0%)

Magenta (30%)

Yellow (54%)

Black (19%)



Cyan (19%)

Magenta (44%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 39.547, 61.978 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 65, 39.547, 61.978 by changing the saturation by 10% instead.

65, 39.547, 61.978

65, 39.547, 61.978

100, 39.547,
61.978

55, 39.547, 61.978

85, 39.547, 61.978

45, 39.547, 61.978

95, 39.547, 61.978

35, 39.547, 61.978

25, 39.547, 61.978

15, 39.547, 61.978

5, 39.547, 61.978

0, 39.547, 61.978

65, 39.547, 61.978

65, 39.547, 61.978

62, 48.147, 60.942

68, 31.262, 63.021

59, 56.821, 59.829

71, 23.390, 64.078

56, 65.035, 58.474

75, 15.952, 65.153

54, 71.823, 56.538

78, 8.935, 66.229

52, 75.339, 55.069

82, 2.308, 67.191

85, 3.967, 248.579

89, 9.928, 249.589

92, 13.328,
240.463

95, 14.364,
209.538

Harmonies

Complementary

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



65, 39.547, 61.978



63, 31.456, 257.825

Rectangle

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



65, 39.547, 61.978



65, 39.547, 111.978



65, 39.547, 241.978



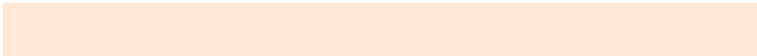
65, 39.547, 291.978

Sweetspot

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



65, 39.546, 61.983



93, 12.520, 65.955



56, 53.196, 344.599



49, 8.505, 65.731



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



65, 39.546, 61.983



75, 57.518, 60.820



79, 52.383, 101.013



42, 3.706, 66.670



43, 64.320, 55.659



8, 15.872, 50.384

Inverse Universe

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



63, 31.456, 257.825



72, 43.484, 261.459



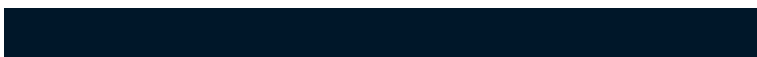
48, 59.595, 295.100



42, 3.589, 248.965



40, 45.835, 276.231



7, 14.775, 264.765

Previews

White Background



This preview shows how the CIELCh color 65, 39.547, 61.978 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 65, 39.547, 61.978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

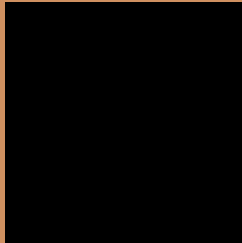
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 39.547, 61.978

Background



This preview shows how black text looks on a background with the CIELCh color 65, 39.547, 61.978.



This preview shows how white text looks on a background with the CIELCh color 65, 39.547, 61.978.

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

65, 39.547, 61.978

Protanopia

65, 31.774, 95.774

Deuteranopia

65, 36.189, 76.585



Tritanopia
65, 30.290, 11.267

Trichromacy



Original Color
65, 39.547, 61.978

Protanomaly
65, 33.102, 81.752

Deuteranomaly
65, 37.071, 70.884

Tritanomaly
65, 30.383, 33.562

Monochromacy



Original Color
65, 39.547, 61.978

Achromatopsia
65, 0.008, 296.813

Achromatomaly
64, 13.393, 64.425

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 39.547, 61.978 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(207, 144, 96)` looks like.

```
.text, #text, p{  
    color:rgb(207, 144, 96)  
}
```

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(207, 144, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 144, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 39.547, 61.978 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(207, 144, 96) }
```

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

```
.border{ border-color:rgb(207, 144, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 144, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 144, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 144, 96);  
box-shadow:4px 4px 4px 4px rgb(207, 144,  
96) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 39.547, 61.978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 144, 96) }
```

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

```
.background{ background-color: rgb(207,  
144, 96) }
```

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