

Converting Colors

CIELCh(65, 41.162, 71.838)

Have a look what the booklet for
CIELCh(65, 41.162, 71.838) contains.

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Color

CIELCh(65, 41.104, 71.858)

Conversions

Conversions Part 1

Format	Color
Hex	C89458
RGB	200, 148, 88
RGB Percent	78%, 58%, 35%
CMY	0.2167, 0.4205, 0.6558
CMYK	0.00, 0.26, 0.56, 0.22
HSL	32°, 50%, 56%
HSV	32°, 56%, 78%
XYZ	36.0517, 34.0472, 13.8546
YIQ	156.7080, 50.2520, -7.6360

Conversions

Conversions Part 2

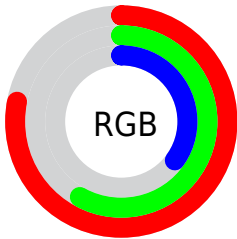
Format	Color
RYB	185, 200, 88
Decimal	13145176
CIELab	65.00, 12.80, 39.06
CIELCh	65, 41.104, 71.858
Yxy	34.0472, 0.4294, 0.4055
Android (android.graphics.Color)	4291335256 (0xFFC89458)
YUV	156.7080, -33.8730, 37.9671
Hunter-Lab	58.3500, 8.1744, 26.7672

Details

The CIELCh color **65, 41.104, 71.858** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **57, 36.332, 270.481**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 40.108, 73.925**, and **45, 40.980, 71.418** is the 20% darker color. If you saturate the color by 10%, you get **62, 49.059, 70.427**, and if you desaturate by 10%, it is **68, 33.190, 73.231**.

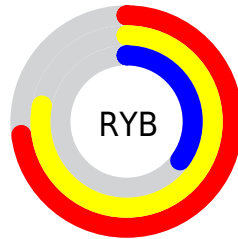
Distribution



Red (78%)

Green (58%)

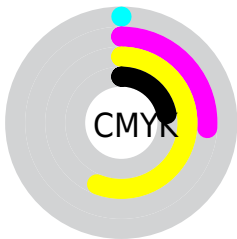
Blue (35%)



Red (73%)

Yellow (78%)

Blue (35%)

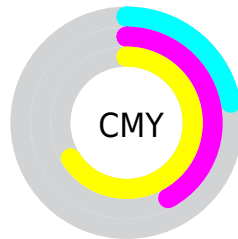


Cyan (0%)

Magenta (26%)

Yellow (56%)

Black (22%)



Cyan (22%)

Magenta (42%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 41.104, 71.858 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, 41.104, 71.858 by changing the saturation by 10% instead.

65, 41.104, 71.858

65, 41.104, 71.858

100, 41.104,
71.858

55, 41.104, 71.858

85, 41.104, 71.858

45, 41.104, 71.858

95, 41.104, 71.858

35, 41.104, 71.858

25, 41.104, 71.858

15, 41.104, 71.858

5, 41.104, 71.858

0, 41.104, 71.858

65, 41.104, 71.858

65, 41.104, 71.858

62, 49.059, 70.427

68, 33.190, 73.231

60, 56.717, 68.845

70, 25.480, 74.565

58, 63.448, 66.944

73, 18.041, 75.875

56, 68.353, 64.437

76, 10.890, 77.154

55, 70.038, 63.410

79, 4.022, 78.365

82, 2.584, 259.811

85, 8.950, 260.908

88, 15.100,
262.040

90, 15.846,
250.518

Harmonies

Complementary

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



65, 41.104, 71.858



57, 36.332, 270.481

Rectangle

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



65, 41.104, 71.858



65, 41.104, 121.858



65, 41.104, 251.858



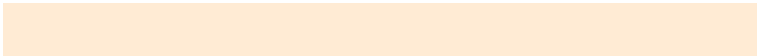
65, 41.104, 301.858

Sweetspot

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



65, 41.104, 71.862



94, 14.095, 77.004



53, 50.580, 352.116



49, 9.468, 76.745



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, 41.104, 71.862



78, 60.774, 70.140



78, 56.818, 106.561



41, 3.781, 77.979



45, 60.153, 63.997



8, 13.009, 61.924

Inverse Universe

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



57, 36.332, 270.481



66, 52.745, 274.464



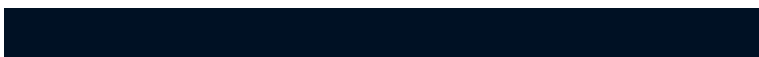
43, 66.734, 299.444



40, 3.719, 260.490



34, 54.978, 286.955



5, 14.601, 273.198

Previews

White Background



This preview shows how the CIELCh color 65, 41.104, 71.858 looks on a white background.

Color Contrast Check

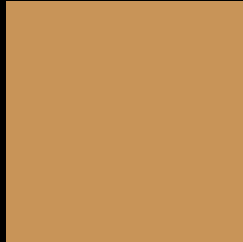
Large Text (above 18pt) WCAG AA × Fail

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, 41.104, 71.858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

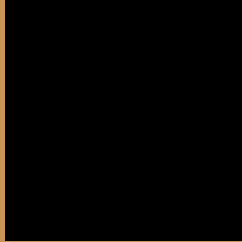
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 41.104, 71.858

Background



This preview shows how black text looks on a background with the CIELCh color 65, 41.104, 71.858.



This preview shows how white text looks on a background with the CIELCh color 65, 41.104, 71.858.

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, 41.104, 71.858

Protanopia

65, 37.025, 95.947

Deuteranopia

65, 40.227, 78.372



Tritanopia
65, 26.600, 9.166

Trichromacy



Original Color
65, 41.104, 71.858

Protanomaly
65, 37.464, 86.204

Deuteranomaly
65, 40.527, 76.436

Tritanomaly
65, 26.933, 39.348

Monochromacy



Original Color
65, 41.104, 71.858

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 14.548, 76.270

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 41.104, 71.858 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(200, 148, 88)` looks like.

```
.text, #text, p{  
    color:rgb(200, 148, 88)  
}
```

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(200, 148, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 148, 88) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 41.104, 71.858 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(200, 148, 88) }
```

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

```
.border{ border-color:rgb(200, 148, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 148, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 148, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 148, 88);  
box-shadow:4px 4px 4px 4px rgb(200, 148,  
88) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 41.104, 71.858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 148, 88) }
```

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

```
.background{ background-color: rgb(200,  
148, 88) }
```

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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