

Converting Colors

CIELCh(65, 45.097, 71.633)

Have a look what the booklet for
CIELCh(65, 45.097, 71.633) contains.

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Color

CIELCh(65, 44.987, 71.772)

Conversions

Conversions Part 1

Format	Color
Hex	CB9351
RGB	203, 147, 81
RGB Percent	80%, 58%, 32%
CMY	0.2049, 0.4244, 0.6832
CMYK	0.00, 0.28, 0.60, 0.20
HSL	32°, 54%, 56%
HSV	32°, 60%, 80%
XYZ	36.4335, 34.0472, 12.3933
YIQ	156.2200, 54.5620, -8.6540

Conversions

Conversions Part 2

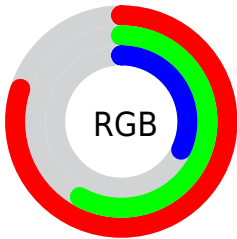
Format	Color
RYB	185, 203, 81
Decimal	13341521
CIELab	65.00, 14.07, 42.73
CIELCh	65, 44.987, 71.772
Yxy	34.0472, 0.4396, 0.4108
Android (android.graphics.Color)	4291531601 (0xFFCB9351)
YUV	156.2200, -37.0835, 41.0261
Hunter-Lab	58.3500, 9.3424, 28.2520

Details

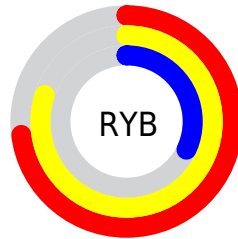
The CIELCh color **65, 44.987, 71.772** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **56, 39.709, 272.329**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 43.076, 75.255**, and **45, 44.894, 71.625** is the 20% darker color. If you saturate the color by 10%, you get **63, 52.945, 70.280**, and if you desaturate by 10%, it is **68, 36.941, 73.178**.

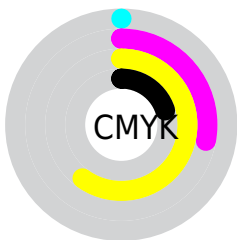
Distribution



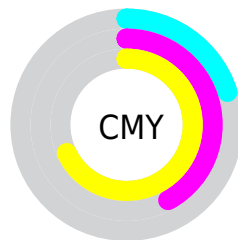
- Red (80%)
- Green (58%)
- Blue (32%)



- Red (73%)
- Yellow (80%)
- Blue (32%)



- Cyan (0%)
- Magenta (28%)
- Yellow (60%)
- Black (20%)



- Cyan (20%)
- Magenta (42%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 44.987, 71.772 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, 44.987, 71.772 by changing the saturation by 10% instead.

■ 65, 44.987, 71.772

■ 65, 44.987, 71.772

■ 100, 44.987,
71.772

■ 55, 44.987, 71.772

■ 85, 44.987, 71.772

■ 45, 44.987, 71.772

■ 95, 44.987, 71.772

■ 35, 44.987, 71.772

■ 25, 44.987, 71.772

■ 15, 44.987, 71.772

■ 5, 44.987, 71.772

■ 0, 44.987, 71.772

■ 65, 44.987, 71.772

■ 65, 44.987, 71.772

■ 63, 52.945, 70.280

■ 68, 36.941, 73.178

60, 60.361, 68.579

70, 29.039, 74.534

58, 66.456, 66.451

73, 21.381, 75.862

56, 70.713, 63.831

76, 14.006, 77.163

79, 6.916, 78.420

82, 0.096, 76.171

84, 6.476, 260.981

87, 12.822,
262.123

90, 15.433,
254.869

Harmonies

Complementary

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



65, 44.987, 71.772



56, 39.709, 272.329

Rectangle

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



65, 44.987, 71.772



65, 44.987, 121.772



65, 44.987, 251.772



65, 44.987, 301.772

Sweetspot

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



65, 44.987, 71.776



94, 15.010, 77.408



52, 54.389, 352.896



49, 10.492, 77.030



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, 44.987, 71.776



77, 65.508, 69.830



79, 61.100, 106.260



42, 3.877, 78.511



46, 60.756, 64.406



8, 14.411, 63.184

Inverse Universe

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



56, 39.709, 272.329



64, 57.109, 276.874



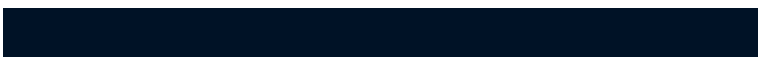
41, 72.994, 300.278



41, 3.816, 261.033



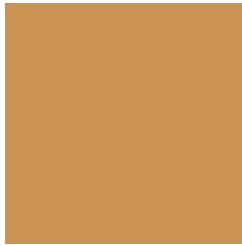
34, 56.249, 287.470



5, 15.923, 274.565

Previews

White Background



This preview shows how the CIELCh color 65, 44.987, 71.772 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, 44.987, 71.772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

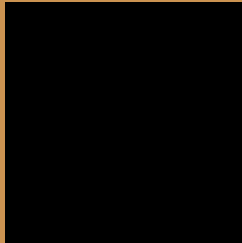
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 44.987, 71.772

Background



This preview shows how black text looks on a background with the CIELCh color 65, 44.987, 71.772.



This preview shows how white text looks on a background with the CIELCh color 65, 44.987, 71.772.

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, 44.987, 71.772

Protanopia

65, 40.141, 95.697

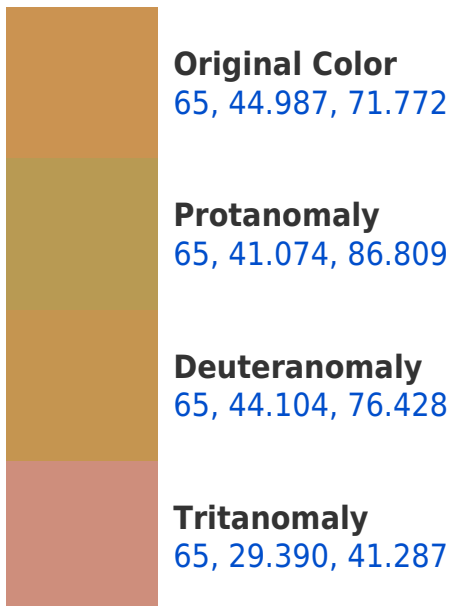
Deuteranopia

65, 43.746, 79.498



Tritanopia
65, 28.185, 11.248

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 44.987, 71.772 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(203, 147, 81)` looks like.

```
.text, #text, p{  
    color:rgb(203, 147, 81)  
}
```

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(203, 147, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 147, 81) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 44.987, 71.772 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(203, 147, 81) }
```

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

```
.border{ border-color:rgb(203, 147, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 147, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 147, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 147, 81);  
box-shadow:4px 4px 4px 4px rgb(203, 147,  
81) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 44.987, 71.772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 147, 81) }
```

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

```
.background{ background-color: rgb(203,  
147, 81) }
```

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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