

Converting Colors

CIELCh(71, 46.981, 66.325)

Have a look what the booklet for
CIELCh(71, 46.981, 66.325) contains.

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Color

CIELCh(71, 46.868, 65.885)

Conversions

Conversions Part 1

Format	Color
Hex	E49F60
RGB	228, 159, 96
RGB Percent	89%, 62%, 38%
CMY	0.1055, 0.3761, 0.6232
CMYK	0.00, 0.30, 0.58, 0.11
HSL	29°, 71%, 64%
HSV	29°, 58%, 89%
XYZ	46.5596, 42.1875, 16.7774
YIQ	172.4490, 61.3470, -4.9650

Conversions

Conversions Part 2

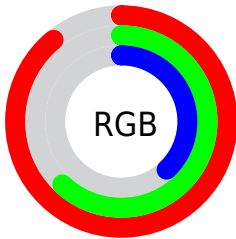
Format	Color
R _Y B	228, 217, 96
Decimal	14983008
CIE Lab	71.00, 19.15, 42.78
CIE LCh	71, 46.868, 65.885
Yxy	42.1875, 0.4412, 0.3998
Android (android.graphics.Color)	4293173088 (0xFFE49F60)
YUV	172.4490, -37.6894, 48.7182
Hunter-Lab	64.9519, 14.2886, 30.1514

Details

The CIELCh color **71, 46.868, 65.885** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **66, 38.518, 264.777**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 38.348, 81.293**, and **51, 46.835, 65.550** is the 20% darker color. If you saturate the color by 10%, you get **68, 55.995, 64.605**, and if you desaturate by 10%, it is **74, 37.879, 67.118**.

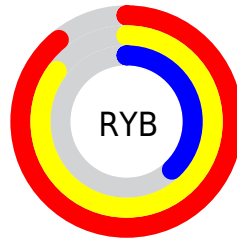
Distribution



Red (89%)

Green (62%)

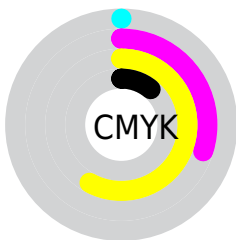
Blue (38%)



Red (89%)

Yellow (85%)

Blue (38%)

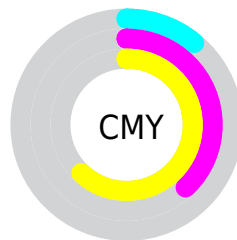


Cyan (0%)

Magenta (30%)

Yellow (58%)

Black (11%)



Cyan (11%)

Magenta (38%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 46.868, 65.885 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 71, 46.868, 65.885 by changing the saturation by 10% instead.

 71, 46.868, 65.885

 71, 46.868, 65.885

 100, 46.868,
65.885

 61, 46.868, 65.885

 91, 46.868, 65.885

 51, 46.868, 65.885

 41, 46.868, 65.885

 31, 46.868, 65.885

 21, 46.868, 65.885

 11, 46.868, 65.885

 1, 46.868, 65.885

 0, 46.868, 65.885

 71, 46.868, 65.885

 71, 46.868, 65.885

68, 55.995, 64.605

74, 37.879, 67.118

65, 64.849, 63.158

77, 29.218, 68.332

62, 72.631, 61.316

81, 20.952, 69.544

60, 78.287, 58.749

84, 13.093, 70.747

59, 79.384, 58.203

88, 5.622, 71.909

91, 1.492, 253.457

95, 7.974, 252.639

98, 8.972, 200.582

98, 9.148, 198.900

Harmonies

Complementary

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



71, 46.868, 65.885



66, 38.518, 264.777

Rectangle

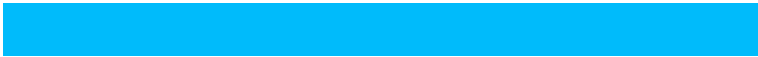
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71, 46.868, 65.885



71, 46.868, 115.885



71, 46.868, 245.885



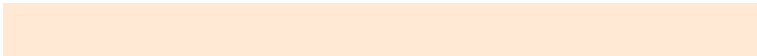
71, 46.868, 295.885

Sweetspot

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



71, 46.867, 65.889



93, 13.604, 70.839



60, 59.735, 348.235



49, 9.147, 70.598



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 46.867, 65.889



75, 62.446, 64.395



87, 63.214, 103.168



46, 4.092, 71.732



47, 65.829, 58.863



12, 20.937, 58.125

Inverse Universe

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



66, 38.518, 264.777



68, 49.567, 268.879



49, 74.365, 298.058



46, 3.988, 254.192



40, 52.660, 281.622



9, 19.025, 272.727

Previews

White Background



This preview shows how the CIELCh color 71, 46.868, 65.885 looks on a white background.

Color Contrast Check

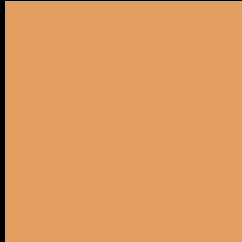
Large Text (above 18pt) WCAG AA × Fail

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 71, 46.868, 65.885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

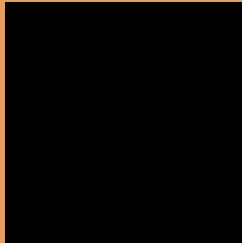
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 46.868, 65.885

Background



This preview shows how black text looks on a background with the CIELCh color 71, 46.868, 65.885.



This preview shows how white text looks on a background with the CIELCh color 71, 46.868, 65.885.

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](#).

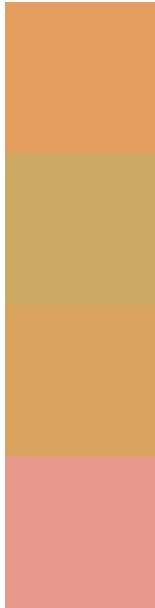
Dichromacy





Tritanopia
71, 32.964, 11.496

Trichromacy



Original Color
71, 46.868, 65.885

Protanomaly
71, 40.851, 84.302

Deuteranomaly
71, 44.723, 73.384

Tritanomaly
71, 33.453, 36.052

Monochromacy



Original Color
71, 46.868, 65.885

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 16.197, 70.139

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 46.868, 65.885 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(228, 159, 96)` looks like.

```
.text, #text, p{  
    color:rgb(228, 159, 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(228, 159, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 159, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 46.868, 65.885 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(228, 159, 96) }
```

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

```
.border{ border-color:rgb(228, 159, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 159, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 159, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 159, 96);  
box-shadow:4px 4px 4px 4px rgb(228, 159,  
96) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 46.868, 65.885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 159, 96) }
```

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

```
.background{ background-color: rgb(228,  
159, 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](#).

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