

Converting Colors

CIELCh(71, 30.675, 84.504)

Have a look what the booklet for
CIELCh(71, 30.675, 84.504) contains.

CIELCh(71, 30.710, 84.478)	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(71, 30.710, 84.478)

Conversions

Conversions Part 1

Format	Color
Hex	C6AA76
RGB	198, 170, 118
RGB Percent	78%, 67%, 46%
CMY	0.2226, 0.3324, 0.5364
CMYK	0.00, 0.14, 0.40, 0.22
HSL	39°, 41%, 62%
HSV	39°, 40%, 78%
XYZ	41.0534, 42.1875, 23.1866
YIQ	172.4440, 33.3800, -10.2360

Conversions

Conversions Part 2

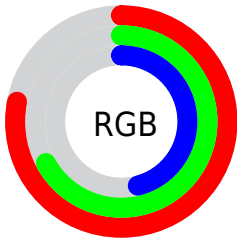
Format	Color
RYB	161, 198, 118
Decimal	13019766
CIELab	71.00, 2.96, 30.57
CIELCh	71, 30.710, 84.478
Yxy	42.1875, 0.3857, 0.3964
Android (android.graphics.Color)	4291209846 (0xFFC6AA76)
YUV	172.4440, -26.8409, 22.4126
Hunter-Lab	64.9519, -0.8434, 24.3009

Details

The CIELCh color **71, 30.710, 84.478** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **60, 30.219, 276.600**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 30.365, 84.829**, and **51, 30.637, 84.085** is the 20% darker color. If you saturate the color by 10%, you get **69, 38.607, 83.074**, and if you desaturate by 10%, it is **73, 22.873, 85.850**.

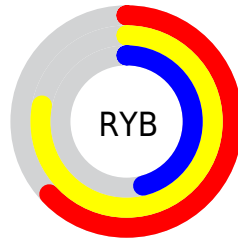
Distribution



Red (78%)

Green (67%)

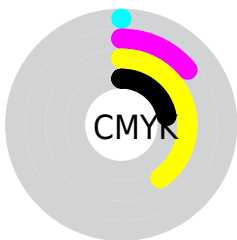
Blue (46%)



Red (63%)

Yellow (78%)

Blue (46%)

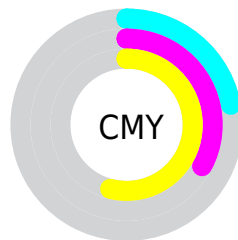


Cyan (0%)

Magenta (14%)

Yellow (40%)

Black (22%)



Cyan (22%)

Magenta (33%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 30.710, 84.478 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, 30.710, 84.478 by changing the saturation by 10% instead.

■ 71, 30.710, 84.478

■ 71, 30.710, 84.478

■ 100, 30.710,
84.478

■ 61, 30.710, 84.478

■ 91, 30.710, 84.478

■ 51, 30.710, 84.478

■ 41, 30.710, 84.478

■ 31, 30.710, 84.478

■ 21, 30.710, 84.478

■ 11, 30.710, 84.478

■ 1, 30.710, 84.478

■ 0, 30.710, 84.478

■ 71, 30.710, 84.478

■ 71, 30.710, 84.478

69, 38.607, 83.074

73, 22.873, 85.850

67, 46.411, 81.608

75, 15.168, 87.174

65, 53.836, 80.050

78, 7.627, 88.448

63, 60.380, 78.319

80, 0.258, 88.752

61, 65.299, 76.265

82, 6.943, 270.960

60, 68.249, 73.912

85, 13.984,
272.088

87, 19.908,
272.061

89, 17.452,
260.414

90, 15.899,
245.923

Harmonies

Complementary

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



71, 30.710, 84.478



60, 30.219, 276.600

Rectangle

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



71, 30.710, 84.478



71, 30.710, 134.478



71, 30.710, 264.478



71, 30.710, 314.478

Sweetspot

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



71, 30.711, 84.483



97, 10.856, 88.222



59, 34.954, 357.313



51, 7.213, 88.055



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, 30.711, 84.483



87, 45.092, 83.309



77, 42.032, 113.077



41, 4.178, 88.568



50, 59.078, 74.376



9, 13.778, 76.677

Inverse Universe

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



60, 30.219, 276.600



72, 44.358, 278.627



54, 46.398, 300.045



39, 4.170, 271.034



28, 67.518, 295.285



4, 16.405, 280.156

Previews

White Background



This preview shows how the CIELCh color 71, 30.710, 84.478 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 CIE LCh color 71, 30.710, 84.478 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, 30.710, 84.478

Background



This preview shows how black text looks on a background with the CIELCh color 71, 30.710, 84.478.



This preview shows how white text looks on a background with the CIELCh color 71, 30.710, 84.478.

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

71, 30.710, 84.478

Protanopia

71, 29.717, 95.803

Deuteranopia

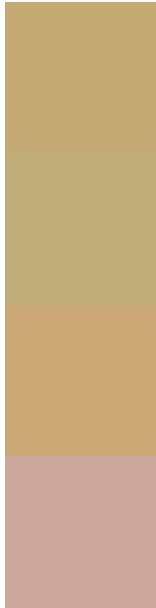
71, 31.569, 72.892



Tritanopia

71, 17.184, 356.804

Trichromacy



Original Color
71, 30.710, 84.478

Protanomaly
71, 30.273, 91.843

Deuteranomaly
71, 30.951, 77.720

Tritanomaly
71, 15.671, 42.786

Monochromacy



Original Color
71, 30.710, 84.478

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 11.063, 88.188

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 30.710, 84.478 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(198, 170, 118)` looks like.

```
.text, #text, p{  
    color:rgb(198, 170, 118)  
}
```

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(198, 170, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 170, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 30.710, 84.478 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(198, 170, 118) }
```

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

```
.border{ border-color:rgb(198, 170, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 170, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 170, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 170, 118);  
box-shadow:4px 4px 4px 4px rgb(198, 170,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 30.710, 84.478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 170, 118) }
```

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

```
.background{ background-color: rgb(198,  
170, 118) }
```

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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