

Converting Colors

CIELCh(71, 16.192, 36.110)

Have a look what the booklet for
CIELCh(71, 16.192, 36.110) contains.

CIELCh(71, 16.214, 36.112)	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, 16.214, 36.112)

Conversions

Conversions Part 1

Format	Color
Hex	CCA59D
RGB	204, 165, 157
RGB Percent	80%, 65%, 62%
CMY	0.2000, 0.3529, 0.3843
CMYK	0.00, 0.19, 0.23, 0.20
HSL	10°, 32%, 71%
HSV	10°, 23%, 80%
XYZ	44.4483, 42.1875, 37.7033
YIQ	175.7490, 25.8120, 5.7800

Conversions

Conversions Part 2

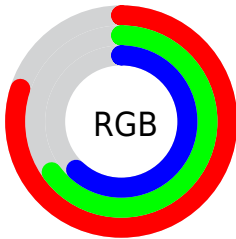
Format	Color
R_{YB}	204, 167, 157
Decimal	13411741
CIE _{Lab}	71.00, 13.10, 9.56
CIE _{LCh}	71, 16.214, 36.112
Yxy	42.1875, 0.3575, 0.3393
Android (android.graphics.Color)	4291601821 (0xFFCCA59D)
YUV	175.7490, -9.2433, 24.7761
Hunter-Lab	64.9519, 8.4864, 11.0496

Details

The CIELCh color $71, 16.214, 36.112$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $77, 13.864, 216.670$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 13.733, 37.681$, and $51, 16.147, 35.510$ is the 20% darker color. If you saturate the color by 10%, you get $66, 24.244, 36.393$, and if you desaturate by 10%, it is $76, 8.800, 35.988$.

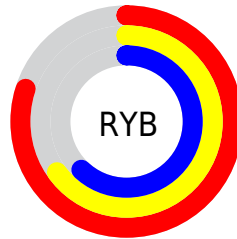
Distribution



Red (80%)

Green (65%)

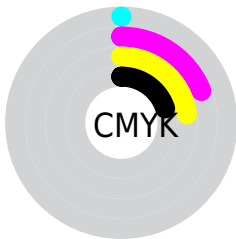
Blue (62%)



Red (80%)

Yellow (65%)

Blue (62%)

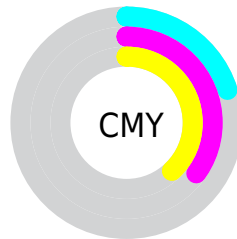


Cyan (0%)

Magenta (19%)

Yellow (23%)

Black (20%)



Cyan (20%)

Magenta (35%)

Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 16.214, 36.112 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, 16.214, 36.112 by changing the saturation by 10% instead.

 71, 16.214, 36.112

 71, 16.214, 36.112

 100, 16.214,
36.112

 61, 16.214, 36.112

 91, 16.214, 36.112

 51, 16.214, 36.112

 41, 16.214, 36.112

 31, 16.214, 36.112

 21, 16.214, 36.112

 11, 16.214, 36.112

 1, 16.214, 36.112

 0, 16.214, 36.112

 71, 16.214, 36.112

 71, 16.214, 36.112

66, 24.244, 36.393

76, 8.800, 35.988

62, 32.909, 36.862

81, 1.967, 35.786

58, 42.181, 37.574

85, 4.339, 216.307

54, 51.960, 38.560

90, 10.173,
216.408

51, 62.017, 39.802

95, 15.261,
208.941

48, 71.852, 41.139

45, 80.358, 42.093

97, 16.869,
198.386

44, 85.046, 42.514

Harmonies

Complementary

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



71, 16.214, 36.112



77, 13.864, 216.670

Rectangle

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



71, 16.214, 36.112



71, 16.214, 86.112



71, 16.214, 216.112



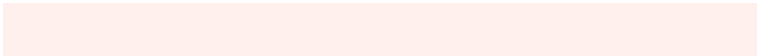
71, 16.214, 266.112

Sweetspot

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



71, 16.213, 36.120



96, 5.526, 35.930



70, 27.429, 330.797



51, 3.599, 35.939



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, 16.213, 36.120



84, 24.150, 36.245



77, 17.880, 88.195



40, 3.772, 35.957



36, 72.521, 42.810



5, 16.263, 28.724

Inverse Universe

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



77, 13.864, 216.670



92, 19.819, 216.905



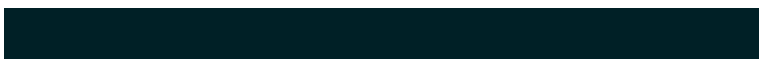
70, 17.789, 274.481



42, 3.554, 216.318



53, 31.544, 228.773



10, 11.804, 221.247

Previews

White Background



This preview shows how the CIELCh color 71, 16.214, 36.112 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, 16.214, 36.112 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, 16.214, 36.112

Background



This preview shows how black text looks on a background with the CIELCh color 71, 16.214, 36.112.

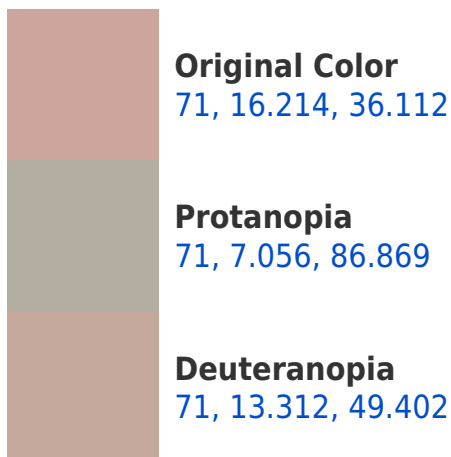


This preview shows how white text looks on a background with the CIELCh color 71, 16.214, 36.112.

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, 18.273, 358.461

Trichromacy



Original Color
71, 16.214, 36.112

Protanomaly
71, 9.236, 55.824

Deuteranomaly
71, 14.518, 44.558

Tritanomaly
71, 16.571, 11.535

Monochromacy



Original Color
71, 16.214, 36.112

Achromatopsia
72, 0.009, 296.813

Achromatomaly
71, 5.607, 36.621

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 16.214, 36.112 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(204, 165, 157)` looks like.

```
.text, #text, p{  
    color:rgb(204, 165, 157)  
}
```

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(204, 165, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 165, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 16.214, 36.112 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(204, 165, 157) }
```

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

```
.border{ border-color:rgb(204, 165, 157) }
```

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

Here you see how a box with a 4 pixel rgb(204, 165, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 165, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 165, 157);  
box-shadow:4px 4px 4px 4px rgb(204, 165,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 16.214, 36.112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 165, 157) }
```

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

```
.background{ background-color: rgb(204,  
165, 157) }
```

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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