

Converting Colors

CIELCh(71, 16.848, 34.895)

Have a look what the booklet for
CIELCh(71, 16.848, 34.895) contains.

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Color

CIELCh(71, 16.611, 35.764)

Conversions

Conversions Part 1

Format	Color
Hex	CDA59D
RGB	205, 165, 157
RGB Percent	80%, 65%, 62%
CMY	0.1971, 0.3539, 0.3853
CMYK	0.00, 0.20, 0.23, 0.20
HSL	10°, 32%, 71%
HSV	10°, 23%, 80%
XYZ	44.5790, 42.1875, 37.5808
YIQ	176.0480, 26.4080, 5.9920

Conversions

Conversions Part 2

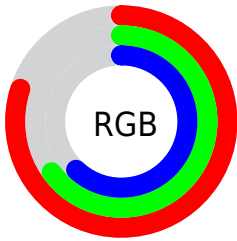
Format	Color
RYB	205, 167, 157
Decimal	13477277
CIELab	71.00, 13.48, 9.71
CIELCh	71, 16.611, 35.764
Yxy	42.1875, 0.3585, 0.3393
Android (android.graphics.Color)	4291667357 (0xFFCDA59D)
YUV	176.0480, -9.3907, 25.3909
Hunter-Lab	64.9519, 8.8455, 11.1615

Details

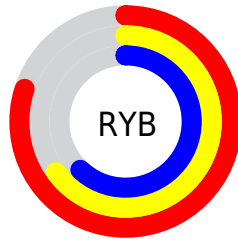
The CIELCh color $71, 16.611, 35.764$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $77, 14.156, 216.245$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 13.733, 37.681$, and $51, 16.578, 35.170$ is the 20% darker color. If you saturate the color by 10%, you get $66, 24.709, 36.073$, and if you desaturate by 10%, it is $76, 9.133, 35.617$.

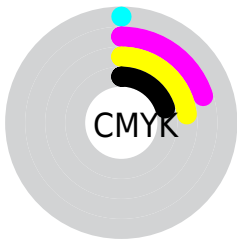
Distribution



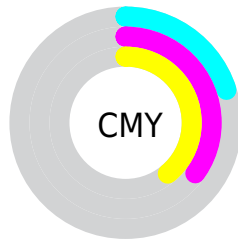
- Red (80%)
- Green (65%)
- Blue (62%)



- Red (80%)
- Yellow (65%)
- Blue (62%)



- Cyan (0%)
- Magenta (20%)
- Yellow (23%)
- Black (20%)



- Cyan (20%)
- Magenta (35%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 16.611, 35.764 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, 16.611, 35.764 by changing the saturation by 10% instead.

71, 16.611, 35.764

71, 16.611, 35.764

100, 16.611,
35.764

61, 16.611, 35.764

91, 16.611, 35.764

51, 16.611, 35.764

41, 16.611, 35.764

31, 16.611, 35.764

21, 16.611, 35.764

11, 16.611, 35.764

1, 16.611, 35.764

0, 16.611, 35.764

71, 16.611, 35.764

71, 16.611, 35.764

66, 24.709, 36.073

76, 9.133, 35.617

62, 33.445, 36.575

81, 2.241, 35.426

58, 42.785, 37.325

86, 4.118, 215.901

54, 52.625, 38.356

91, 9.999, 215.980

51, 62.725, 39.645

95, 15.140,
208.223

48, 72.565, 41.024

97, 16.644,
198.401

45, 80.996, 41.993

44, 85.389, 42.419

Harmonies

Complementary

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



71, 16.611, 35.764



77, 14.156, 216.245

Rectangle

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



71, 16.611, 35.764



71, 16.611, 85.764



71, 16.611, 215.764



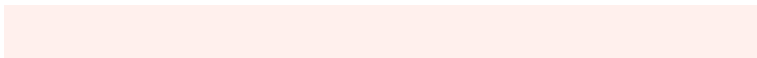
71, 16.611, 265.764

Sweetspot

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



71, 16.610, 35.772



96, 5.539, 35.545



70, 27.987, 330.823



51, 3.608, 35.554



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, 16.610, 35.772



84, 24.208, 35.898



77, 18.251, 88.142



40, 3.780, 35.575



36, 72.615, 42.712



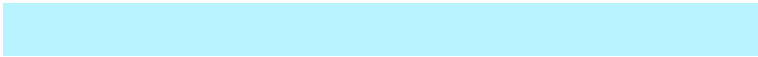
5, 16.293, 28.509

Inverse Universe

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



77, 14.156, 216.245



92, 19.860, 216.454



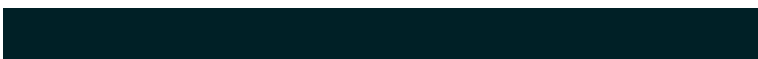
70, 18.156, 274.551



42, 3.562, 215.905



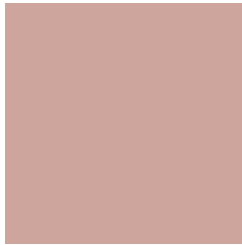
53, 31.538, 228.003



10, 11.817, 220.654

Previews

White Background



This preview shows how the CIELCh color 71, 16.611, 35.764 looks on a white background.

Color Contrast Check

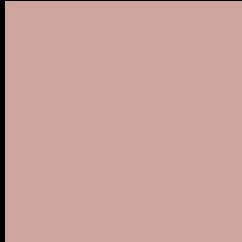
Large Text (above 18pt) WCAG AA × Fail

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, 16.611, 35.764 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, 16.611, 35.764

Background



This preview shows how black text looks on a background with the CIELCh color 71, 16.611, 35.764.

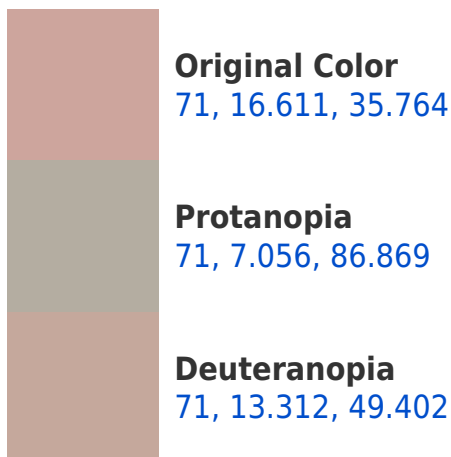


This preview shows how white text looks on a background with the CIELCh color 71, 16.611, 35.764.

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, 18.633, 358.971

Trichromacy



Original Color
71, 16.611, 35.764

Protanomaly
71, 9.582, 58.357

Deuteranomaly
71, 14.518, 44.558

Tritanomaly
71, 16.965, 11.797

Monochromacy



Original Color
71, 16.611, 35.764

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, 16.611, 35.764 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(205, 165, 157)` looks like.

```
.text, #text, p{  
    color:rgb(205, 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(205, 165, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 165, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 16.611, 35.764 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(205, 165, 157) }
```

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

```
.border{ border-color:rgb(205, 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(205, 165, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 165, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 165, 157);  
box-shadow:4px 4px 4px 4px rgb(205, 165,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 16.611, 35.764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 165, 157) }
```

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

```
.background{ background-color: rgb(205,  
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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