

Converting Colors

CIELCh(71, 16.845, 41.269)

Have a look what the booklet for
CIELCh(71, 16.845, 41.269) contains.

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Color

CIELCh(71, 16.845, 41.269)

Conversions

Conversions Part 1

Format	Color
Hex	CCA59A
RGB	204, 165, 154
RGB Percent	80%, 65%, 60%
CMY	0.1992, 0.3521, 0.3953
CMYK	0.00, 0.19, 0.24, 0.20
HSL	13°, 33%, 70%
HSV	13°, 24%, 80%
XYZ	44.2981, 42.1875, 36.4649
YIQ	175.4070, 26.7750, 4.8470

Conversions

Conversions Part 2

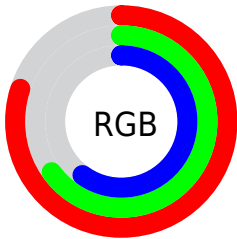
Format	Color
RYB	204, 168, 154
Decimal	13411738
CIELab	71.00, 12.66, 11.11
CIELCh	71, 16.845, 41.269
Yxy	42.1875, 0.3603, 0.3431
Android (android.graphics.Color)	4291601818 (0xFFCCA59A)
YUV	175.4070, -10.5537, 25.0761
Hunter-Lab	64.9519, 8.0736, 12.1801

Details

The CIELCh color $71, 16.845, 41.269$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $76, 14.329, 223.111$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 14.588, 45.246$, and $51, 16.838, 40.984$ is the 20% darker color. If you saturate the color by 10%, you get $67, 24.726, 41.278$, and if you desaturate by 10%, it is $75, 9.565, 41.396$.

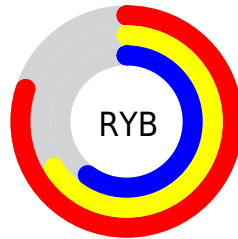
Distribution



Red (80%)

Green (65%)

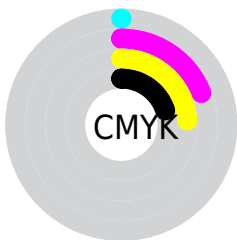
Blue (60%)



Red (80%)

Yellow (66%)

Blue (60%)

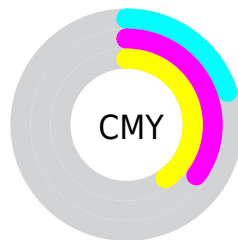


Cyan (0%)

Magenta (19%)

Yellow (24%)

Black (20%)



Cyan (20%)

Magenta (35%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 16.845, 41.269 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, 16.845, 41.269 by changing the saturation by 10% instead.

■ 71, 16.845, 41.269

■ 71, 16.845, 41.269

■ 100, 16.845,
41.269

■ 61, 16.845, 41.269

■ 91, 16.845, 41.269

■ 51, 16.845, 41.269

■ 41, 16.845, 41.269

■ 31, 16.845, 41.269

■ 21, 16.845, 41.269

■ 11, 16.845, 41.269

■ 1, 16.845, 41.269

■ 0, 16.845, 41.269

■ 71, 16.845, 41.269

■ 71, 16.845, 41.269

67, 24.726, 41.278

75, 9.565, 41.396

62, 33.232, 41.441

80, 2.846, 41.506

58, 42.343, 41.799

85, 3.364, 222.182

55, 51.966, 42.365

89, 9.120, 222.455

51, 61.862, 43.093

94, 14.268,
220.276

49, 71.487, 43.795

97, 16.808,
198.390

46, 79.651, 43.972

45, 83.407, 43.976

Harmonies

Complementary

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



71, 16.845, 41.269



76, 14.329, 223.111

Rectangle

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



71, 16.845, 41.269



71, 16.845, 91.269



71, 16.845, 221.269



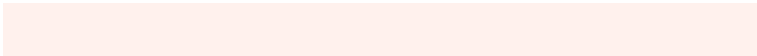
71, 16.845, 271.269

Sweetspot

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



71, 16.844, 41.278



96, 5.369, 41.506



69, 28.187, 332.693



51, 3.497, 41.500



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, 16.844, 41.278



84, 24.374, 41.260



77, 19.945, 91.888



41, 3.664, 41.477



37, 71.054, 44.370



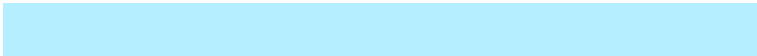
5, 15.852, 31.832

Inverse Universe

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



76, 14.329, 223.111



91, 19.985, 223.495



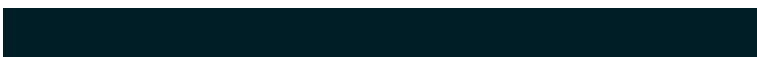
69, 20.113, 278.421



42, 3.461, 222.282



50, 32.184, 239.540



9, 11.740, 229.766

Previews

White Background



This preview shows how the CIELCh color 71, 16.845, 41.269 looks on a white background.

Color Contrast Check

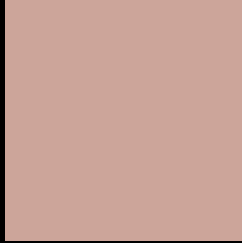
Large Text (above 18pt) WCAG AA × Fail

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, 16.845, 41.269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

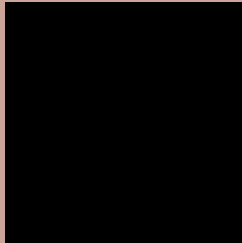
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 16.845, 41.269

Background



This preview shows how black text looks on a background with the CIELCh color 71, 16.845, 41.269.



This preview shows how white text looks on a background with the CIELCh color 71, 16.845, 41.269.

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, 16.845, 41.269

Protanomaly
71, 10.326, 62.879

Deuteranomaly
71, 15.063, 48.158

Tritanomaly
71, 16.927, 13.615

Monochromacy



Original Color
71, 16.845, 41.269

Achromatopsia
72, 0.009, 296.813

Achromatomaly
71, 5.798, 41.717

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 16.845, 41.269 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, 154)` looks like.

```
.text, #text, p{  
    color:rgb(204, 165, 154)  
}
```

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, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 165, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 16.845, 41.269 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, 154) }
```

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

```
.border{ border-color:rgb(204, 165, 154) }
```

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, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 165, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 165, 154);  
box-shadow:4px 4px 4px 4px rgb(204, 165,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 16.845, 41.269 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, 154) }
```

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

```
.background{ background-color: rgb(204,  
165, 154) }
```

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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