

Converting Colors

CIELCh(72, 16.458, 4.762)

Have a look what the booklet for
CIELCh(72, 16.458, 4.762) contains.

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Color

CIELCh(72, 16.486, 3.774)

Conversions

Conversions Part 1

Format	Color
Hex	CFA6AF
RGB	207, 166, 175
RGB Percent	81%, 65%, 69%
CMY	0.1880, 0.3488, 0.3135
CMYK	0.00, 0.20, 0.15, 0.19
HSL	347°, 30%, 73%
HSV	347°, 20%, 81%
XYZ	47.1331, 43.6590, 46.5246
YIQ	179.2850, 21.5470, 11.4910

Conversions

Conversions Part 2

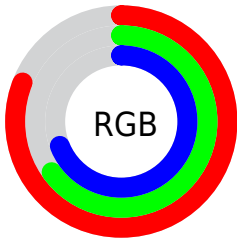
Format	Color
R _Y B	207, 166, 175
Decimal	13608623
CIE Lab	72.00, 16.45, 1.09
CIE LCh	72, 16.486, 3.774
Yxy	43.6590, 0.3432, 0.3179
Android (android.graphics.Color)	4291798703 (0xFFCFA6AF)
YUV	179.2850, -2.1125, 24.3061
Hunter-Lab	66.0750, 11.6978, 4.5053

Details

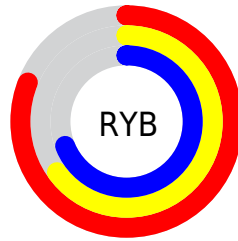
The CIELCh color $72, 16.486, 3.774$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $80, 15.292, 179.984$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 13.180, 359.732$, and $52, 16.434, 3.074$ is the 20% darker color. If you saturate the color by 10%, you get $67, 25.346, 5.102$, and if you desaturate by 10%, it is $78, 7.964, 2.643$.

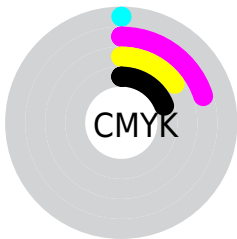
Distribution



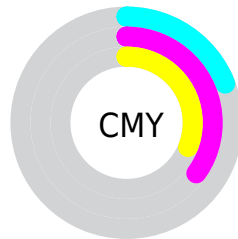
- Red (81%)
- Green (65%)
- Blue (69%)



- Red (81%)
- Yellow (65%)
- Blue (69%)



- Cyan (0%)
- Magenta (20%)
- Yellow (15%)
- Black (19%)



- Cyan (19%)
- Magenta (35%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 16.486, 3.774 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 72, 16.486, 3.774 by changing the saturation by 10% instead.

 72, 16.486, 3.774

 72, 16.486, 3.774

 100, 16.486, 3.774

 62, 16.486, 3.774

 92, 16.486, 3.774

 52, 16.486, 3.774

 42, 16.486, 3.774

 32, 16.486, 3.774

 22, 16.486, 3.774

 12, 16.486, 3.774

 2, 16.486, 3.774

 0, 16.486, 3.774

 72, 16.486, 3.774

 72, 16.486, 3.774

67, 25.346, 5.102

78, 7.964, 2.643

62, 34.424, 6.699

83, 0.154, 185.136

57, 43.502, 8.671

89, 7.850, 181.013

53, 52.271, 11.147

95, 15.137,
180.261

49, 60.366, 14.282

97, 15.924,
198.447

46, 67.467, 18.224

44, 73.450, 23.023

43, 78.630, 28.325

43, 78.736, 28.425

Harmonies

Complementary

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



72, 16.486, 3.774



80, 15.292, 179.984

Rectangle

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



72, 16.486, 3.774



72, 16.486, 53.774



72, 16.486, 183.774



72, 16.486, 233.774

Sweetspot

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



72, 16.484, 3.779



96, 5.720, 2.234



72, 25.079, 318.658



51, 3.800, 2.309



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 16.484, 3.779



84, 23.899, 4.344



74, 13.240, 46.487



41, 4.643, 2.601



35, 67.004, 27.534



4, 20.256, 9.325

Inverse Universe

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



72, 16.484, 3.779



84, 23.899, 4.344



77, 11.737, 228.876



41, 4.643, 2.601



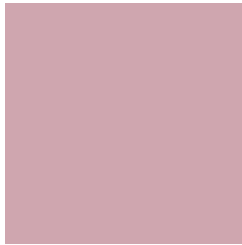
35, 67.004, 27.534



4, 20.256, 9.325

Previews

White Background



This preview shows how the CIELCh color 72, 16.486, 3.774 looks on a white background.

Color Contrast Check

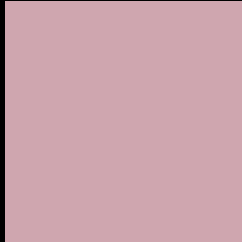
Large Text (above 18pt) WCAG AA × Fail

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 72, 16.486, 3.774 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 72, 16.486, 3.774

Background



This preview shows how black text looks on a background with the CIELCh color 72, 16.486, 3.774.



This preview shows how white text looks on a background with the CIELCh color 72, 16.486, 3.774.

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

72, 16.486, 3.774

Protanopia

72, 2.960, 312.549

Deuteranopia

72, 9.330, 10.167



Tritanopia
72, 16.944, 358.469

Trichromacy



Original Color
72, 16.486, 3.774

Protanomaly
72, 7.474, 349.442

Deuteranomaly
72, 11.825, 7.221

Tritanomaly
72, 16.775, 0.204

Monochromacy



Original Color
72, 16.486, 3.774

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 6.081, 358.979

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 16.486, 3.774 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(207, 166, 175)` looks like.

```
.text, #text, p{  
    color:rgb(207, 166, 175)  
}
```

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(207, 166, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 166, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 16.486, 3.774 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(207, 166, 175) }
```

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

```
.border{ border-color:rgb(207, 166, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 166, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 166, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 166, 175);  
box-shadow:4px 4px 4px 4px rgb(207, 166,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 16.486, 3.774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 166, 175) }
```

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

```
.background{ background-color: rgb(207,  
166, 175) }
```

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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