

Converting Colors

CIELCh(75, 17.181, 317.876)

Have a look what the booklet for
CIELCh(75, 17.181, 317.876)
contains.

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Color

CIELCh(75, 16.986, 317.864)

Conversions

Conversions Part 1

Format	Color
Hex	C7B2CE
RGB	199, 178, 206
RGB Percent	78%, 70%, 81%
CMY	0.2207, 0.3030, 0.1933
CMYK	0.03, 0.14, 0.00, 0.19
HSL	285°, 22%, 75%
HSV	285°, 14%, 81%
XYZ	50.4511, 48.2781, 64.8729
YIQ	187.4710, 3.5280, 13.1600

Conversions

Conversions Part 2

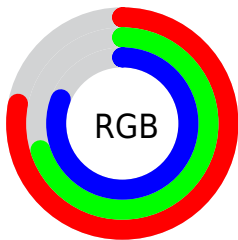
Format	Color
RYB	199, 178, 206
Decimal	13087438
CIELab	75.00, 12.60, -11.40
CIElCh	75, 16.986, 317.864
Yxy	48.2781, 0.3084, 0.2951
Android (android.graphics.Color)	4291277518 (0xFFC7B2CE)
YUV	187.4710, 9.1348, 10.1109
Hunter-Lab	69.4824, 8.0142, -6.7189

Details

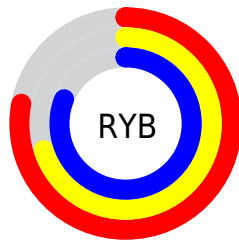
The CIELCh color $75, 16.986, 317.864$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $80, 16.836, 136.687$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 13.109, 324.873$, and $55, 17.344, 317.744$ is the 20% darker color. If you saturate the color by 10%, you get $69, 29.693, 318.306$, and if you desaturate by 10%, it is $81, 4.461, 317.401$.

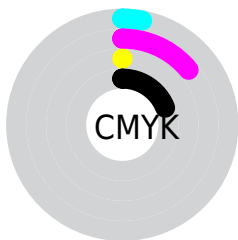
Distribution



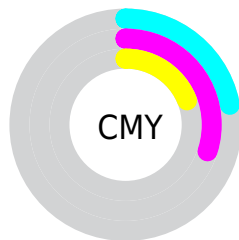
- Red (78%)
- Green (70%)
- Blue (81%)



- Red (78%)
- Yellow (70%)
- Blue (81%)



- Cyan (3%)
- Magenta (14%)
- Yellow (0%)
- Black (19%)





- Cyan (22%)
- Magenta (30%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 16.986, 317.864 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 75, 16.986, 317.864 by changing the saturation by 10% instead.


 75, 16.986,
317.864


 75, 16.986,
317.864


 100, 16.986,
317.864


 65, 16.986,
317.864


 95, 16.986,
317.864

 55, 16.986,
317.864

 45, 16.986,
317.864

 35, 16.986,
317.864

 25, 16.986,
317.864

 15, 16.986,
317.864

 5, 16.986, 317.864

■ 0, 16.986, 317.864

■ 75, 16.986,
317.864

■ 75, 16.986,
317.864

■ 69, 29.693,
318.306

■ 81, 4.461, 317.401

■ 86, 7.790, 137.059

■ 64, 42.443,
318.739

■ 92, 19.721,
136.657

■ 59, 55.001,
319.141

■ 96, 28.298,
135.608

■ 54, 67.021,
319.480

■ 97, 27.459,
132.295

■ 50, 78.028,
319.716

■ 97, 26.716,
128.740

■ 46, 87.432,
319.797

■ 97, 26.081,

■ 43, 94.622,
319.668

124.952

■ 41, 99.162,
319.280

■ 98, 25.569,
120.950

■ 40, 100.989,
318.928

■ 98, 25.191,
116.766

Harmonies

Complementary

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



75, 16.986, 317.864



80, 16.836, 136.687

Rectangle

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



75, 16.986, 317.864



75, 16.986, 7.864



75, 16.986, 137.864



75, 16.986, 187.864

Sweetspot

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



75, 16.984, 317.863



97, 5.893, 317.424



75, 11.325, 277.872



51, 4.190, 317.463



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 16.984, 317.863



89, 23.829, 317.979



75, 15.514, 332.576



40, 7.005, 317.675



32, 85.950, 319.056



4, 26.432, 317.173

Inverse Universe

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



75, 11.232, 0.804



89, 15.815, 1.097



80, 15.450, 150.809



40, 4.606, 0.342



34, 65.013, 24.961



4, 18.366, 7.289

Previews

White Background



This preview shows how the CIELCh color 75, 16.986, 317.864 looks on a white background.

Color Contrast Check

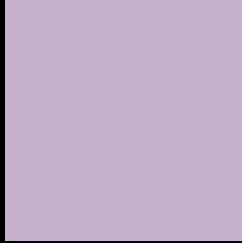
Large Text (above 18pt) WCAG AA × Fail

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 75, 16.986, 317.864 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 75, 16.986, 317.864

Background



This preview shows how black text looks on a background with the CIELCh color 75, 16.986, 317.864.



This preview shows how white text looks on a background with the CIELCh color 75, 16.986, 317.864.

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


75, 16.986, 317.864

Protanopia

75, 14.054, 288.652

Deuteranopia

75, 14.359, 310.296



Tritanopia
75, 9.860, 330.212

Trichromacy



Original Color
75, 16.986, 317.864

Protanomaly
75, 14.795, 299.756

Deuteranomaly
75, 15.256, 313.517

Tritanomaly
75, 12.448, 324.944

Monochromacy



Original Color
75, 16.986, 317.864

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 6.005, 315.916

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 16.986, 317.864 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(199, 178, 206)` looks like.

```
.text, #text, p{  
    color:rgb(199, 178, 206)  
}
```

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(199, 178, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 178, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 16.986, 317.864 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(199, 178, 206) }
```

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

```
.border{ border-color:rgb(199, 178, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 178, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 178, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 178, 206);  
box-shadow:4px 4px 4px 4px rgb(199, 178,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 16.986, 317.864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 178, 206) }
```

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

```
.background{ background-color: rgb(199,  
178, 206) }
```

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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