

Converting Colors

CIELCh(77, 30.269, 317.133)

Have a look what the booklet for
CIELCh(77, 30.269, 317.133)
contains.

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Color

CIELCh(77, 30.389, 317.492)

Conversions

Conversions Part 1

Format	Color
Hex	D6B1E4
RGB	214, 177, 228
RGB Percent	84%, 69%, 89%
CMY	0.1595, 0.3046, 0.1046
CMYK	0.06, 0.22, 0.00, 0.10
HSL	284°, 49%, 80%
HSV	284°, 22%, 90%
XYZ	57.6585, 51.5317, 80.5435
YIQ	193.8770, 5.6810, 23.7050

Conversions

Conversions Part 2

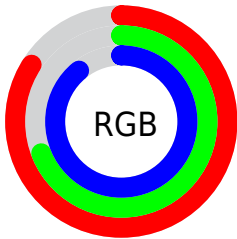
Format	Color
RYB	214, 177, 228
Decimal	14070244
CIELab	77.00, 22.40, -20.53
CIELCh	77, 30.389, 317.492
Yxy	51.5317, 0.3039, 0.2716
Android (android.graphics.Color)	4292260324 (0xFFD6B1E4)
YUV	193.8770, 16.8226, 17.6479
Hunter-Lab	71.7856, 17.7471, -16.2735

Details

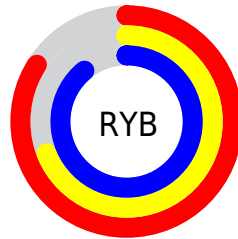
The CIELCh color **77, 30.389, 317.492** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **87, 29.930, 135.487**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 13.736, 324.896**, and **57, 30.267, 317.829** is the 20% darker color. If you saturate the color by 10%, you get **71, 44.221, 317.929**, and if you desaturate by 10%, it is **83, 16.642, 317.048**.

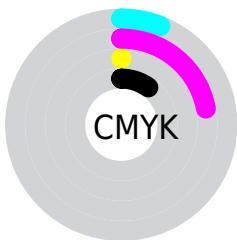
Distribution



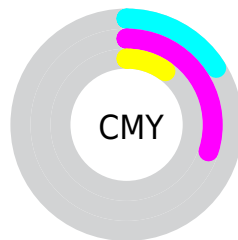
- Red (84%)
- Green (69%)
- Blue (89%)



- Red (84%)
- Yellow (69%)
- Blue (89%)



- Cyan (6%)
- Magenta (22%)
- Yellow (0%)
- Black (10%)



- Cyan (16%)
- Magenta (30%)
- Yellow (10%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 30.389, 317.492 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 77, 30.389, 317.492 by changing the saturation by 10% instead.

 77, 30.389,
317.492

 77, 30.389,
317.492


 100, 30.389,
317.492


 67, 30.389,
317.492


 97, 30.389,
317.492

 57, 30.389,
317.492

 47, 30.389,
317.492

 37, 30.389,
317.492

 27, 30.389,
317.492

 17, 30.389,
317.492

 7, 30.389, 317.492

0, 30.389, 317.492

77, 30.389,
317.492

77, 30.389,
317.492

71, 44.221,
317.929

83, 16.642,
317.048

65, 57.913,
318.340

89, 3.130, 316.568

60, 71.107,
318.693

95, 10.067,
136.250

55, 83.300,
318.945

98, 14.698,
131.547

51, 93.848,
319.041

99, 13.958,
123.120

48, 102.051,
318.921

99, 13.557,
113.868

■ 45,107.368,
318.528

■ 99,13.498,
109.157

■ 44,109.717,
318.061

Harmonies

Complementary

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



77, 30.389, 317.492



87, 29.930, 135.487

Rectangle

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



77, 30.389, 317.492



77, 30.389, 7.492



77, 30.389, 137.492



77, 30.389, 187.492

Sweetspot

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



77, 30.387, 317.492



95, 10.270, 316.810



78, 20.046, 278.085



50, 6.677, 316.838



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



77, 30.387, 317.492



82, 40.289, 317.704



78, 28.148, 332.557



45, 7.669, 316.919



34, 91.195, 318.205



6, 36.851, 319.010

Inverse Universe

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



77, 20.645, 0.088



82, 27.524, 0.720



86, 28.013, 149.500



45, 5.132, 358.597



37, 67.908, 23.222



7, 26.643, 9.880

Previews

White Background



This preview shows how the CIELCh color 77, 30.389, 317.492 looks on a white background.

Color Contrast Check

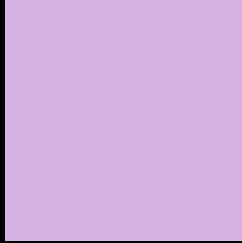
Large Text (above 18pt) WCAG AA × Fail

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 77, 30.389, 317.492 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 77, 30.389, 317.492

Background



This preview shows how black text looks on a background with the CIELCh color 77, 30.389, 317.492.



This preview shows how white text looks on a background with the CIELCh color 77, 30.389, 317.492.

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
77, 12.529, 343.706

Trichromacy



Original Color
77, 30.389, 317.492

Protanomaly
77, 26.569, 298.341

Deuteranomaly
77, 24.400, 305.273

Tritanomaly
77, 18.398, 329.018

Monochromacy



Original Color
77, 30.389, 317.492

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 10.790, 316.781

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 30.389, 317.492 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(214, 177, 228)` looks like.

```
.text, #text, p{  
    color:rgb(214, 177, 228)  
}
```

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(214, 177, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 177, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 30.389, 317.492 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(214, 177, 228) }
```

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

```
.border{ border-color:rgb(214, 177, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 177, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 177, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 177, 228);  
box-shadow:4px 4px 4px 4px rgb(214, 177,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 30.389, 317.492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 177, 228) }
```

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

```
.background{ background-color: rgb(214,  
177, 228) }
```

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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