

Converting Colors

CIELCh(75, 26.823, 318.687)

Have a look what the booklet for
CIELCh(75, 26.823, 318.687)
contains.

CIELCh(75, 26.730, 318.869)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(75, 26.730, 318.869)

Conversions

Conversions Part 1

Format	Color
Hex	CFADD9
RGB	207, 173, 217
RGB Percent	81%, 68%, 85%
CMY	0.1874, 0.3208, 0.1482
CMYK	0.05, 0.20, 0.00, 0.15
HSL	286°, 37%, 77%
HSV	286°, 20%, 85%
XYZ	53.3217, 48.2781, 72.2937
YIQ	188.1820, 6.1400, 20.8920

Conversions

Conversions Part 2

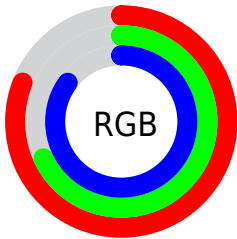
Format	Color
R _Y B	207, 173, 217
Decimal	13610457
CIE Lab	75.00, 20.13, -17.58
CIE LCh	75, 26.730, 318.869
Yxy	48.2781, 0.3066, 0.2776
Android (android.graphics.Color)	4291800537 (0xFFCFADD9)
YUV	188.1820, 14.2073, 16.5034
Hunter-Lab	69.4824, 15.3889, -13.0511

Details

The CIELCh color $75, 26.730, 318.869$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $83, 26.433, 137.016$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 16.248, 324.987$, and $55, 26.951, 318.761$ is the 20% darker color. If you saturate the color by 10%, you get $69, 40.110, 319.310$, and if you desaturate by 10%, it is $81, 13.426, 318.419$.

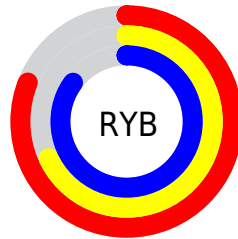
Distribution



Red (81%)

Green (68%)

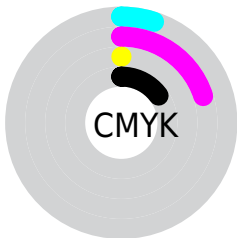
Blue (85%)



Red (81%)

Yellow (68%)

Blue (85%)

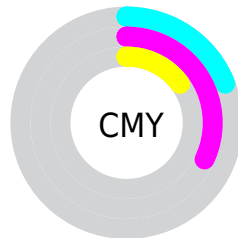


Cyan (5%)

Magenta (20%)

Yellow (0%)

Black (15%)



Cyan (19%)


Magenta (32%)


Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 26.730, 318.869 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, 26.730, 318.869 by changing the saturation by 10% instead.


 75, 26.730,
318.869


 75, 26.730,
318.869


 100, 26.730,
318.869


 65, 26.730,
318.869


 95, 26.730,
318.869

 55, 26.730,
318.869

 45, 26.730,
318.869

 35, 26.730,
318.869

 25, 26.730,
318.869

 15, 26.730,
318.869

 5, 26.730, 318.869

0, 26.730, 318.869

75, 26.730,
318.869

75, 26.730,
318.869

69, 40.110,
319.310

81, 13.426,
318.419

64, 53.353,
319.726

87, 0.345, 317.382

59, 66.122,
320.090

93, 12.436,
137.607

54, 77.954,
320.364

97, 21.792,
136.381

50, 88.261,
320.502

98, 20.996,
132.230

47, 96.406,
320.453

98, 20.317,
127.724

■ 45, 101.876,
320.170

■ 98, 19.775,
122.889

■ 43, 104.809,
319.677

■ 99, 19.384,
117.771

■ 99, 19.159,
112.443

Harmonies

Complementary

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



75, 26.730, 318.869



83, 26.433, 137.016

Rectangle

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



75, 26.730, 318.869



75, 26.730, 8.869



75, 26.730, 138.869



75, 26.730, 188.869

Sweetspot

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



75, 26.728, 318.869



96, 8.910, 318.224



75, 18.468, 281.046



51, 5.913, 318.255



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, 26.728, 318.869



84, 36.149, 319.045



76, 23.656, 334.335



43, 7.482, 318.381



34, 88.550, 319.796



5, 33.356, 320.096

Inverse Universe

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



75, 17.599, 3.262



84, 23.953, 3.764



83, 23.500, 151.488



43, 4.844, 2.025



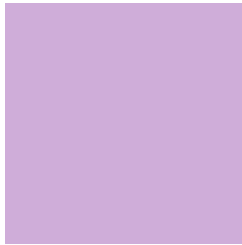
36, 68.242, 27.051



5, 23.769, 10.446

Previews

White Background



This preview shows how the CIELCh color 75, 26.730, 318.869 looks on a white background.

Color Contrast Check

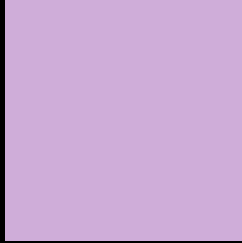
Large Text (above 18pt) WCAG AA × Fail

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 75, 26.730, 318.869 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, 26.730, 318.869

Background



This preview shows how black text looks on a background with the CIELCh color 75, 26.730, 318.869.

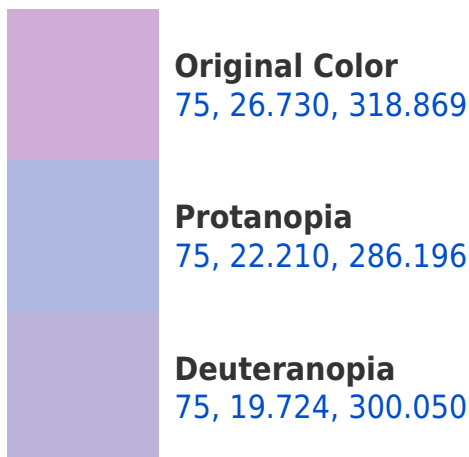


This preview shows how white text looks on a background with the CIELCh color 75, 26.730, 318.869.

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
75, 12.001, 341.501

Trichromacy



Original Color
75, 26.730, 318.869

Protanomaly
75, 23.488, 298.988

Deuteranomaly
75, 21.486, 308.076

Tritanomaly
75, 17.208, 329.275

Monochromacy



Original Color
75, 26.730, 318.869

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 9.719, 317.615

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 26.730, 318.869 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, 173, 217)` looks like.

```
.text, #text, p{  
    color:rgb(207, 173, 217)  
}
```

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, 173, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 173, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 26.730, 318.869 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, 173, 217) }
```

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

```
.border{ border-color:rgb(207, 173, 217) }
```

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

Here you see how a box with a 4 pixel rgb(207, 173, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 173, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 173, 217);  
box-shadow:4px 4px 4px 4px rgb(207, 173,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 26.730, 318.869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 173, 217) }
```

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

```
.background{ background-color: rgb(207,  
173, 217) }
```

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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