

Converting Colors

CIELCh(76, 17.753, 315.256)

Have a look what the booklet for
CIELCh(76, 17.753, 315.256)
contains.

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Color

CIELCh(76, 17.753, 315.256)

Conversions

Conversions Part 1

Format	Color
Hex	C9B5D3
RGB	201, 181, 211
RGB Percent	79%, 71%, 83%
CMY	0.2136, 0.2920, 0.1744
CMYK	0.05, 0.14, 0.00, 0.17
HSL	280°, 25%, 77%
HSV	280°, 14%, 83%
XYZ	52.0848, 49.8872, 68.1954
YIQ	190.4000, 2.2900, 13.5700

Conversions

Conversions Part 2

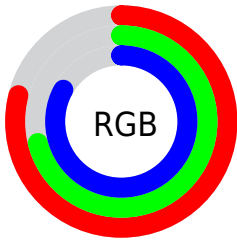
Format	Color
R_{YB}	201, 181, 211
Decimal	13219283
CIE _{Lab}	76.00, 12.61, -12.50
CIE _{LCh}	76, 17.753, 315.256
Yxy	49.8872, 0.3061, 0.2932
Android (android.graphics.Color)	4291409363 (0xFFC9B5D3)
YUV	190.4000, 10.1558, 9.2962
Hunter-Lab	70.6309, 8.0258, -7.8039

Details

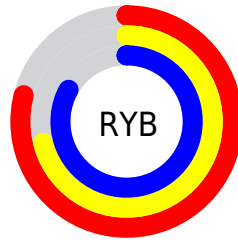
The CIELCh color $76, 17.753, 315.256$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $82, 17.532, 134.058$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 11.228, 324.804$, and $56, 17.634, 315.786$ is the 20% darker color. If you saturate the color by 10%, you get $70, 30.502, 315.699$, and if you desaturate by 10%, it is $82, 5.232, 314.808$.

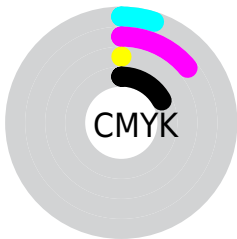
Distribution



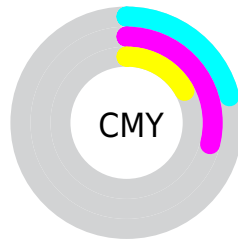
- Red (79%)
- Green (71%)
- Blue (83%)



- Red (79%)
- Yellow (71%)
- Blue (83%)



- Cyan (5%)
- Magenta (14%)
- Yellow (0%)
- Black (17%)





- Cyan (21%)
- Magenta (29%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 17.753, 315.256 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 76, 17.753, 315.256 by changing the saturation by 10% instead.


 76, 17.753,
315.256


 76, 17.753,
315.256


 100, 17.753,
315.256


 66, 17.753,
315.256


 96, 17.753,
315.256

 56, 17.753,
315.256

 46, 17.753,
315.256

 36, 17.753,
315.256

 26, 17.753,
315.256

 16, 17.753,
315.256

 6, 17.753, 315.256

0, 17.753, 315.256

76, 17.753,
315.256

76, 17.753,
315.256

70, 30.502,
315.699

82, 5.232, 314.808

88, 6.984, 134.468

65, 43.361,
316.140

94, 18.865,
134.083

59, 56.122,
316.557

97, 24.602,
131.506

54, 68.458,
316.916

98, 23.670,
125.956

49, 79.897,
317.168

98, 22.983,
119.924

45, 89.814,
317.250

99, 22.575,

■ 42, 97.516,
317.089

113.516

■ 39, 102.456,
316.617

■ 99, 22.468,
108.475

■ 38, 104.346,
316.244

Harmonies

Complementary

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



76, 17.753, 315.256



82, 17.532, 134.058

Rectangle

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



76, 17.753, 315.256



76, 17.753, 5.256



76, 17.753, 135.256



76, 17.753, 185.256

Sweetspot

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



76, 17.751, 315.255



97, 5.762, 314.798



77, 11.001, 271.738



51, 4.098, 314.835



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



76, 17.751, 315.255



88, 24.828, 315.385



77, 17.556, 329.680



41, 6.996, 315.042



30, 88.241, 316.401



4, 28.018, 314.461

Inverse Universe

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



76, 12.466, 355.033



89, 17.473, 355.360



82, 17.512, 147.930



41, 4.895, 354.514



35, 63.202, 17.611



4, 20.633, 3.833

Previews

White Background



This preview shows how the CIELCh color 76, 17.753, 315.256 looks on a white background.

Color Contrast Check

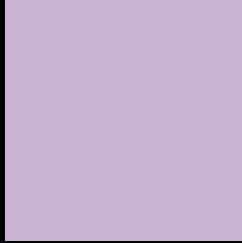
Large Text (above 18pt) WCAG AA × Fail

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 76, 17.753, 315.256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

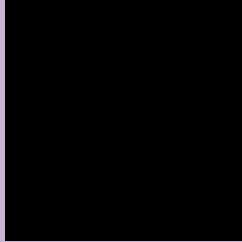
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 17.753, 315.256

Background



This preview shows how black text looks on a background with the CIELCh color 76, 17.753, 315.256.



This preview shows how white text looks on a background with the CIELCh color 76, 17.753, 315.256.

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

76, 17.753, 315.256

Protanopia

76, 15.100, 287.634

Deuteranopia

76, 15.863, 308.436



Tritanopia
76, 9.379, 326.682

Trichromacy



Original Color
76, 17.753, 315.256

Protanomaly
76, 15.771, 297.983

Deuteranomaly
76, 16.727, 311.449

Tritanomaly
76, 12.480, 320.721

Monochromacy



Original Color
76, 17.753, 315.256

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 5.988, 315.913

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 17.753, 315.256 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(201, 181, 211)` looks like.

```
.text, #text, p{  
    color:rgb(201, 181, 211)  
}
```

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(201, 181, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 181, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 17.753, 315.256 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(201, 181, 211) }
```

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

```
.border{ border-color:rgb(201, 181, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 181, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 181, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 181, 211);  
box-shadow:4px 4px 4px 4px rgb(201, 181,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 17.753, 315.256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 181, 211) }
```

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

```
.background{ background-color: rgb(201,  
181, 211) }
```

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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