

Converting Colors

CIE LCh(76, 19.976, 301.642)

Have a look what the booklet for
CIELCh(76, 19.976, 301.642)
contains.

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Color

CIELCh(76, 20.328, 301.795)

Conversions

Conversions Part 1

Format	Color
Hex	C0B6DB
RGB	192, 182, 219
RGB Percent	75%, 71%, 86%
CMY	0.2463, 0.2855, 0.1404
CMYK	0.12, 0.17, 0.00, 0.14
HSL	256°, 34%, 79%
HSV	256°, 17%, 86%
XYZ	51.3630, 49.8872, 74.0721
YIQ	189.2080, -5.9170, 13.6270

Conversions

Conversions Part 2

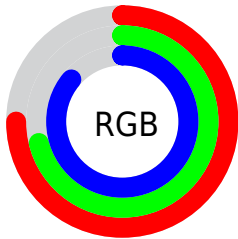
Format	Color
R _Y B	192, 182, 219
Decimal	12629723
CIE Lab	76.00, 10.71, -17.28
CIE LCh	76, 20.328, 301.795
Yxy	49.8872, 0.2930, 0.2845
Android (android.graphics.Color)	4290819803 (0xFFC0B6DB)
YUV	189.2080, 14.6875, 2.4486
Hunter-Lab	70.6309, 6.2017, -12.7370

Details

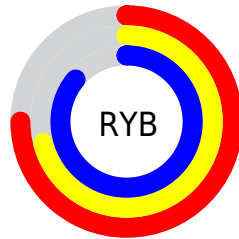
The CIELCh color `76, 20.328, 301.795` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `86, 19.654, 119.660`, and the grayscale version is `77, 0.009, 296.813`.

A 20% lighter version of the original color is `95, 9.581, 314.291`, and `56, 20.414, 301.638` is the 20% darker color. If you saturate the color by 10%, you get `69, 32.956, 302.582`, and if you desaturate by 10%, it is `83, 8.140, 301.098`.

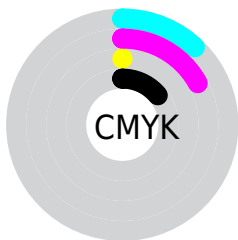
Distribution



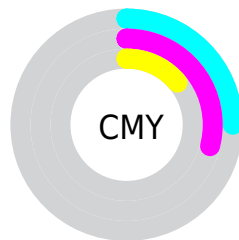
- Red (75%)
- Green (71%)
- Blue (86%)



- Red (75%)
- Yellow (71%)
- Blue (86%)



- Cyan (12%)
- Magenta (17%)
- Yellow (0%)
- Black (14%)



- Cyan (25%)
- Magenta (29%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 20.328, 301.795 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, 20.328, 301.795 by changing the saturation by 10% instead.

■ 76, 20.328,
301.795

■ 76, 20.328,
301.795

■ 100, 20.328,
301.795

■ 66, 20.328,
301.795

■ 96, 20.328,
301.795

■ 56, 20.328,
301.795

■ 46, 20.328,
301.795

■ 36, 20.328,
301.795

■ 26, 20.328,
301.795

■ 16, 20.328,
301.795

■ 6, 20.328, 301.795

0, 20.328, 301.795

76, 20.328,
301.795

76, 20.328,
301.795

69, 32.956,
302.582

83, 8.140, 301.098

90, 3.607, 120.511

62, 46.008,
303.466

96, 14.934,
119.981

56, 59.403,
304.434

99, 18.106,
108.808

49, 72.944,
305.453

43, 86.218,
306.453

38, 98.456,
307.312

■ 33,108.465,
307.849

■ 30,114.962,
307.886

■ 30,116.553,
307.867

Harmonies

Complementary

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



76, 20.328, 301.795



86, 19.654, 119.660

Rectangle

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



76, 20.328, 301.795



76, 20.328, 351.795



76, 20.328, 121.795



76, 20.328, 171.795

Sweetspot

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



76, 20.326, 301.793



96, 6.668, 300.979



82, 10.561, 228.635



51, 4.554, 301.025



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, 20.326, 301.793



85, 27.388, 302.042



78, 22.347, 318.530



42, 6.747, 301.267



22, 97.677, 308.000



3, 30.094, 301.576

Inverse Universe

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



78, 19.781, 334.235



87, 26.532, 334.473



85, 22.131, 137.018



43, 6.624, 333.705



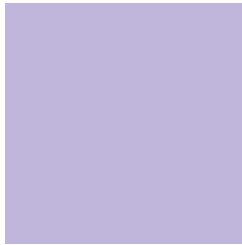
39, 70.555, 342.661



6, 28.591, 339.605

Previews

White Background



This preview shows how the CIELCh color 76, 20.328, 301.795 looks on a white background.

Color Contrast Check

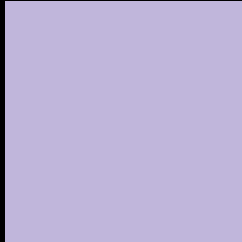
Large Text (above 18pt) WCAG AA × Fail

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, 20.328, 301.795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

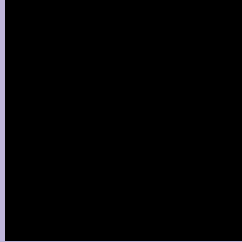
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 20.328, 301.795

Background



This preview shows how black text looks on a background with the CIELCh color 76, 20.328, 301.795.



This preview shows how white text looks on a background with the CIELCh color 76, 20.328, 301.795.

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, 20.328, 301.795

Protanopia

76, 19.450, 285.981

Deuteranopia

76, 19.617, 299.029



Tritanopia
76, 8.240, 301.003

Trichromacy



Original Color
76, 20.328, 301.795

Protanomaly
76, 19.399, 290.960

Deuteranomaly
76, 19.665, 300.033

Tritanomaly
76, 12.624, 301.035

Monochromacy



Original Color
76, 20.328, 301.795

Achromatopsia
77, 0.009, 296.813

Achromatomaly
76, 7.100, 299.598

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 20.328, 301.795 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(192, 182, 219)` looks like.

```
.text, #text, p{  
    color:rgb(192, 182, 219)  
}
```

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(192, 182, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 182, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 20.328, 301.795 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(192, 182, 219) }
```

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

```
.border{ border-color:rgb(192, 182, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 182, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 182, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 182, 219);  
box-shadow:4px 4px 4px 4px rgb(192, 182,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 20.328, 301.795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 182, 219) }
```

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

```
.background{ background-color: rgb(192,  
182, 219) }
```

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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