

Converting Colors

CIELCh(76, 20.437, 301.079)

Have a look what the booklet for
CIELCh(76, 20.437, 301.079)
contains.

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Color

CIELCh(76, 20.858, 301.569)

Conversions

Conversions Part 1

Format	Color
Hex	C0B6DC
RGB	192, 182, 220
RGB Percent	75%, 71%, 86%
CMY	0.2467, 0.2859, 0.1369
CMYK	0.13, 0.17, 0.00, 0.14
HSL	256°, 35%, 79%
HSV	256°, 17%, 86%
XYZ	51.4422, 49.8872, 74.6975
YIQ	189.3220, -6.2380, 13.9380

Conversions

Conversions Part 2

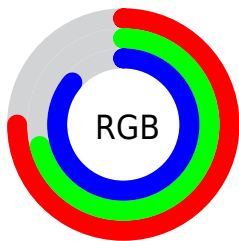
Format	Color
RYB	192, 182, 220
Decimal	12629724
CIELab	76.00, 10.92, -17.77
CIELCh	76, 20.858, 301.569
Yxy	49.8872, 0.2922, 0.2834
Android (android.graphics.Color)	4290819804 (0xFFC0B6DC)
YUV	189.3220, 15.1243, 2.3486
Hunter-Lab	70.6309, 6.4019, -13.2620

Details

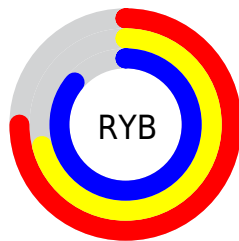
The CIELCh color $76, 20.858, 301.569$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $86, 20.145, 119.353$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 9.581, 314.291$, and $56, 20.978, 301.426$ is the 20% darker color. If you saturate the color by 10%, you get $69, 33.540, 302.372$, and if you desaturate by 10%, it is $83, 8.621, 300.859$.

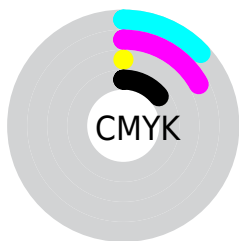
Distribution



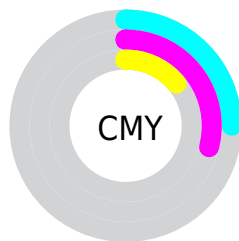
- Red (75%)
- Green (71%)
- Blue (86%)



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



- Cyan (13%)
- Magenta (17%)
- Yellow (0%)
- Black (14%)





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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 20.858, 301.569 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, 20.858, 301.569 by changing the saturation by 10% instead.


 76, 20.858,
301.569


 76, 20.858,
301.569


 100, 20.858,
301.569


 66, 20.858,
301.569


 96, 20.858,
301.569

 56, 20.858,
301.569

 46, 20.858,
301.569

 36, 20.858,
301.569

 26, 20.858,
301.569

 16, 20.858,
301.569

 6, 20.858, 301.569

0, 20.858, 301.569

76, 20.858,
301.569

76, 20.858,
301.569

69, 33.540,
302.372

83, 8.621, 300.859

90, 3.172, 120.261

62, 46.651,
303.274

96, 14.541,
119.720

56, 60.108,
304.264

99, 17.648,
108.843

49, 73.711,
305.306

43, 87.035,
306.328

38, 99.289,
307.205

■ 33,109.250,
307.752

■ 30,115.650,
307.795

■ 30,117.049,
307.786

Harmonies

Complementary

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



76, 20.858, 301.569



86, 20.145, 119.353

Rectangle

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



76, 20.858, 301.569



76, 20.858, 351.569



76, 20.858, 121.569



76, 20.858, 171.569

Sweetspot

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



76, 20.856, 301.567



96, 6.662, 300.713



83, 10.864, 226.495



51, 4.550, 300.759



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, 20.856, 301.567



84, 28.789, 301.870



78, 22.841, 318.031



42, 6.742, 301.005



22, 97.786, 307.918



2, 30.073, 301.384

Inverse Universe

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



78, 20.404, 333.981



87, 28.006, 334.262



85, 22.598, 136.498



43, 6.657, 333.427



39, 70.897, 342.170



6, 28.730, 339.223

Previews

White Background



This preview shows how the CIELCh color 76, 20.858, 301.569 looks on a white background.

Color Contrast Check

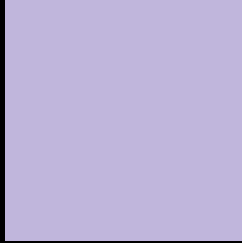
Large Text (above 18pt) WCAG AA × Fail

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, 20.858, 301.569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

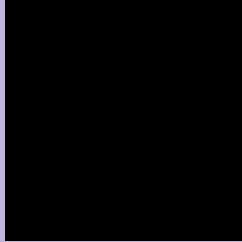
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 20.858, 301.569

Background



This preview shows how black text looks on a background with the CIELCh color 76, 20.858, 301.569.



This preview shows how white text looks on a background with the CIELCh color 76, 20.858, 301.569.

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, 20.858, 301.569

Protanopia

76, 19.984, 286.203

Deuteranopia

76, 20.151, 298.873



Tritanopia
76, 7.639, 299.016

Trichromacy



Original Color
76, 20.858, 301.569

Protanomaly
76, 19.936, 291.037

Deuteranomaly
76, 20.198, 299.848

Tritanomaly
76, 12.020, 299.764

Monochromacy



Original Color
76, 20.858, 301.569

Achromatopsia
77, 0.009, 296.813

Achromatomaly
76, 7.702, 301.675

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 20.858, 301.569 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, 220)` looks like.

```
.text, #text, p{  
    color:rgb(192, 182, 220)  
}
```

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, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 182, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 20.858, 301.569 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, 220) }
```

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

```
.border{ border-color:rgb(192, 182, 220) }
```

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, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 182, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 182, 220);  
box-shadow:4px 4px 4px 4px rgb(192, 182,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 20.858, 301.569 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, 220) }
```

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

```
.background{ background-color: rgb(192,  
182, 220) }
```

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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