

Converting Colors

CIELCh(76, 17.853, 290.701)

Have a look what the booklet for
CIELCh(76, 17.853, 290.701)
contains.

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Color

CIELCh(76, 17.786, 290.717)

Conversions

Conversions Part 1

Format	Color
Hex	B8B9DA
RGB	184, 185, 218
RGB Percent	72%, 73%, 85%
CMY	0.2788, 0.2749, 0.1455
CMYK	0.16, 0.15, 0.00, 0.15
HSL	238°, 31%, 79%
HSV	238°, 16%, 85%
XYZ	49.7093, 49.8872, 73.2645
YIQ	188.4630, -11.1890, 10.0510

Conversions

Conversions Part 2

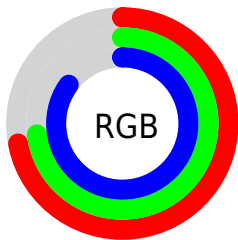
Format	Color
RYB	184, 185, 218
Decimal	12106202
CIELab	76.00, 6.29, -16.64
CIELCh	76, 17.786, 290.717
Yxy	49.8872, 0.2876, 0.2886
Android (android.graphics.Color)	4290296282 (0xFFB8B9DA)
YUV	188.4630, 14.5617, -3.9141
Hunter-Lab	70.6309, 2.0224, -12.0591

Details

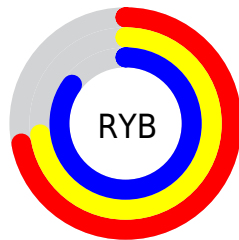
The CIELCh color $76, 17.786, 290.717$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $86, 17.197, 107.434$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 7.195, 288.002$, and $56, 17.764, 291.113$ is the 20% darker color. If you saturate the color by 10%, you get $69, 29.777, 292.078$, and if you desaturate by 10%, it is $83, 6.268, 289.564$.

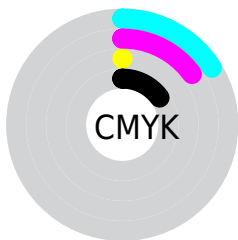
Distribution



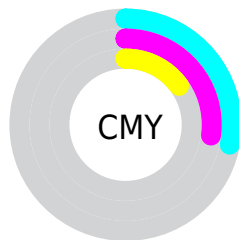
- Red (72%)
- Green (73%)
- Blue (85%)



- Red (72%)
- Yellow (73%)
- Blue (85%)



- Cyan (16%)
- Magenta (15%)
- Yellow (0%)
- Black (15%)





- Cyan (28%)
- Magenta (27%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 17.786, 290.717 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, 17.786, 290.717 by changing the saturation by 10% instead.


 76, 17.786,
290.717


 76, 17.786,
290.717


 100, 17.786,
290.717


 66, 17.786,
290.717


 96, 17.786,
290.717

 56, 17.786,
290.717

 46, 17.786,
290.717

 36, 17.786,
290.717

 26, 17.786,
290.717

 16, 17.786,
290.717

 6, 17.786, 290.717

0, 17.786, 290.717

76, 17.786,
290.717

76, 17.786,
290.717

69, 29.777,
292.078

83, 6.268, 289.564

62, 42.281,
293.680

90, 4.809, 108.551

55, 55.313,
295.540

97, 15.480,
107.725

48, 68.821,
297.650

99, 18.761,
108.758

41, 82.568,
299.940

36, 95.903,
302.239

■ 31, 107.496,
304.256

■ 28, 115.475,
305.653

■ 27, 117.588,
305.998

Harmonies

Complementary

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



76, 17.786, 290.717



86, 17.197, 107.434

Rectangle

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



76, 17.786, 290.717



76, 17.786, 340.717



76, 17.786, 110.717



76, 17.786, 160.717

Sweetspot

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



76, 17.784, 290.714



96, 6.349, 289.506



85, 11.808, 195.705



51, 4.337, 289.580



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, 17.784, 290.714



85, 24.779, 291.175



77, 19.200, 308.637



42, 6.428, 289.981



21, 98.827, 305.904



2, 28.993, 294.295

Inverse Universe

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



78, 12.980, 18.092



87, 18.197, 18.436



85, 18.766, 127.179



43, 4.639, 17.544



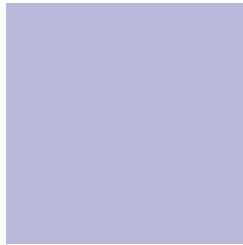
36, 76.967, 38.717



5, 23.795, 18.999

Previews

White Background



This preview shows how the CIELCh color 76, 17.786, 290.717 looks on a white background.

Color Contrast Check

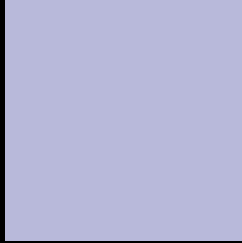
Large Text (above 18pt) WCAG AA × Fail

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, 17.786, 290.717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

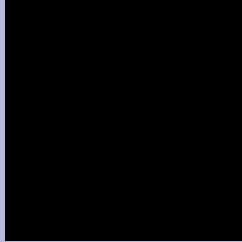
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

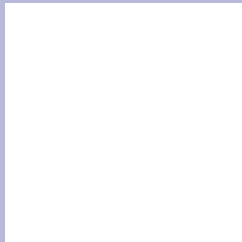
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 17.786, 290.717

Background



This preview shows how black text looks on a background with the CIELCh color 76, 17.786, 290.717.



This preview shows how white text looks on a background with the CIELCh color 76, 17.786, 290.717.

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

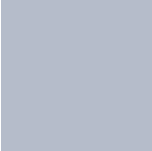
76, 17.786, 290.717

Protanopia

76, 17.286, 286.099

Deuteranopia

76, 19.083, 299.198



Tritanopia
76, 7.888, 272.517

Trichromacy



Original Color
76, 17.786, 290.717

Protanomaly
76, 17.263, 287.222

Deuteranomaly
76, 18.414, 296.163

Tritanomaly
76, 11.409, 282.393

Monochromacy



Original Color
76, 17.786, 290.717

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 6.464, 290.788

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 17.786, 290.717 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(184, 185, 218)` looks like.

```
.text, #text, p{  
    color:rgb(184, 185, 218)  
}
```

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(184, 185, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 185, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 17.786, 290.717 is called "border". The border property can be set on classes, ids or directly on the HTML element.

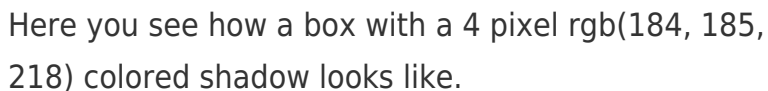
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(184, 185, 218) }
```

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

```
.border{ border-color:rgb(184, 185, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(184, 185, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 185, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 185, 218);  
box-shadow:4px 4px 4px 4px rgb(184, 185,  
218) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 17.786, 290.717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 185, 218) }
```

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

```
.background{ background-color: rgb(184,  
185, 218) }
```

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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