

Converting Colors

CIE LCh(76, 12.124, 291.302)

Have a look what the booklet for
CIELCh(76, 12.124, 291.302)
contains.

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Color

CIELCh(76, 11.854, 291.281)

Conversions

Conversions Part 1

Format	Color
Hex	BABAD0
RGB	186, 186, 208
RGB Percent	73%, 73%, 82%
CMY	0.2721, 0.2720, 0.1858
CMYK	0.11, 0.11, 0.00, 0.19
HSL	240°, 19%, 77%
HSV	240°, 11%, 81%
XYZ	48.9764, 49.8872, 66.4749
YIQ	188.5080, -7.0620, 6.8420

Conversions

Conversions Part 2

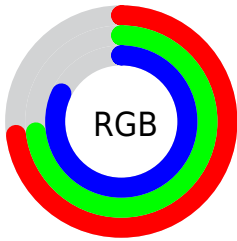
Format	Color
R_{YB}	186, 186, 208
Decimal	12237520
CIE _{Lab}	76.00, 4.30, -11.05
CIE _{LCh}	76, 11.854, 291.281
Yxy	49.8872, 0.2962, 0.3017
Android (android.graphics.Color)	4290427600 (0xFFBABAD0)
YUV	188.5080, 9.6096, -2.1995
Hunter-Lab	70.6309, 0.1703, -6.3597

Details

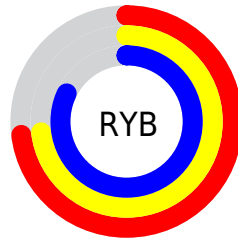
The CIELCh color **76, 11.854, 291.281** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **83, 11.566, 109.151**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 6.674, 290.701**, and **56, 12.030, 291.599** is the 20% darker color. If you saturate the color by 10%, you get **69, 23.512, 292.504**, and if you desaturate by 10%, it is **83, 0.659, 290.329**.

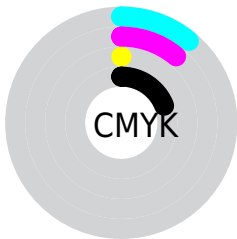
Distribution



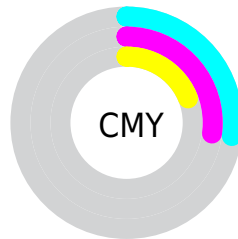
- Red (73%)
- Green (73%)
- Blue (82%)



- Red (73%)
- Yellow (73%)
- Blue (82%)



- Cyan (11%)
- Magenta (11%)
- Yellow (0%)
- Black (19%)



- Cyan (27%)
- Magenta (27%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 11.854, 291.281 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, 11.854, 291.281 by changing the saturation by 10% instead.

■ 76, 11.854,
291.281

■ 76, 11.854,
291.281

■ 100, 11.854,
291.281

■ 66, 11.854,
291.281

■ 96, 11.854,
291.281

■ 56, 11.854,
291.281

■ 46, 11.854,
291.281

■ 36, 11.854,
291.281

■ 26, 11.854,
291.281

■ 16, 11.854,
291.281

■ 6, 11.854, 291.281

0, 11.854, 291.281

76, 11.854,
291.281

76, 11.854,
291.281

69, 23.512,
292.504

83, 0.659, 290.329

62, 35.676,
293.952

90, 10.104,
109.337

55, 48.365,
295.644

97, 20.468,
108.588

48, 61.558,
297.583

99, 23.924,
108.364

42, 75.091,
299.726

36, 88.475,
301.941

■ 31, 100.601,
303.974

■ 27, 109.672,
305.480

■ 25, 114.596,
306.286

Harmonies

Complementary

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



76, 11.854, 291.281



83, 11.566, 109.151

Rectangle

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



76, 11.854, 291.281



76, 11.854, 341.281



76, 11.854, 111.281



76, 11.854, 161.281

Sweetspot

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



76, 11.852, 291.277



98, 3.915, 290.487



82, 7.791, 197.469



52, 2.971, 290.565



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, 11.852, 291.277



89, 17.275, 291.572



77, 12.481, 308.959



40, 6.371, 291.145



19, 98.021, 306.285



1, 25.553, 293.212

Inverse Universe

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



77, 8.316, 20.009



91, 12.182, 20.215



82, 12.289, 128.018



41, 4.460, 19.915



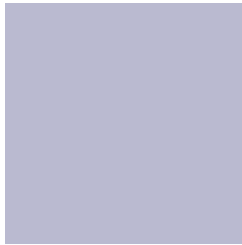
35, 76.449, 39.858



4, 20.018, 19.460

Previews

White Background



This preview shows how the CIELCh color 76, 11.854, 291.281 looks on a white background.

Color Contrast Check

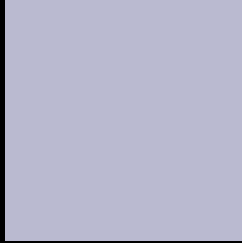
Large Text (above 18pt) WCAG AA × Fail

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, 11.854, 291.281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

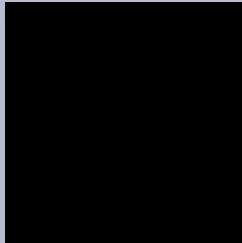
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 11.854, 291.281

Background



This preview shows how black text looks on a background with the CIELCh color 76, 11.854, 291.281.

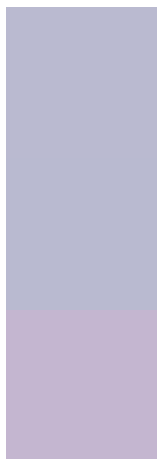


This preview shows how white text looks on a background with the CIELCh color 76, 11.854, 291.281.

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

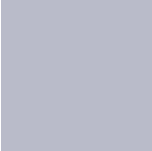
76, 11.854, 291.281

Protanopia

76, 11.854, 289.581

Deuteranopia

76, 14.956, 310.939



Tritanopia
76, 7.563, 285.460

Trichromacy



Original Color
76, 11.854, 291.281

Protanomaly
76, 11.854, 289.581

Deuteranomaly
76, 13.914, 304.686

Tritanomaly
76, 8.634, 286.254

Monochromacy



Original Color
76, 11.854, 291.281

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 4.312, 290.594

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 11.854, 291.281 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(186, 186, 208)` looks like.

```
.text, #text, p{  
    color:rgb(186, 186, 208)  
}
```

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(186, 186, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 186, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 11.854, 291.281 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(186, 186, 208) }
```

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

```
.border{ border-color:rgb(186, 186, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 186, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 186, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 186, 208);  
box-shadow:4px 4px 4px 4px rgb(186, 186,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 11.854, 291.281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 186, 208) }
```

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

```
.background{ background-color: rgb(186,  
186, 208) }
```

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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