

Converting Colors

CIELCh(76, 11.349, 294.806)

Have a look what the booklet for
CIELCh(76, 11.349, 294.806)
contains.

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Color

CIELCh(76, 11.360, 294.811)

Conversions

Conversions Part 1

Format	Color
Hex	BBB9CE
RGB	187, 185, 206
RGB Percent	73%, 73%, 81%
CMY	0.2655, 0.2734, 0.1910
CMYK	0.09, 0.10, 0.00, 0.19
HSL	246°, 18%, 77%
HSV	246°, 10%, 81%
XYZ	49.1469, 49.8872, 65.6156
YIQ	187.9920, -5.5490, 6.9550

Conversions

Conversions Part 2

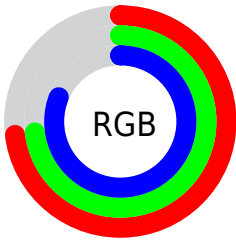
Format	Color
R_{YB}	187, 185, 206
Decimal	12302798
CIE _{Lab}	76.00, 4.77, -10.31
CIE _{LCh}	76, 11.360, 294.811
Yxy	49.8872, 0.2985, 0.3030
Android (android.graphics.Color)	4290492878 (0xFFBBB9CE)
YUV	187.9920, 8.8779, -0.8700
Hunter-Lab	70.6309, 0.6012, -5.6383

Details

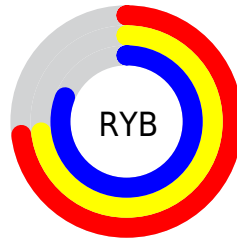
The CIELCh color `76, 11.360, 294.811` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `82, 11.097, 113.088`, and the grayscale version is `76, 0.009, 296.813`.

A 20% lighter version of the original color is `96, 7.235, 296.209`, and `56, 11.508, 295.243` is the 20% darker color. If you saturate the color by 10%, you get `69, 22.965, 295.824`, and if you desaturate by 10%, it is `83, 0.208, 294.071`.

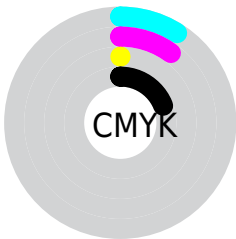
Distribution



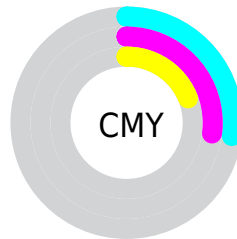
- Red (73%)
- Green (73%)
- Blue (81%)



- Red (73%)
- Yellow (73%)
- Blue (81%)



- Cyan (9%)
- Magenta (10%)
- Yellow (0%)
- Black (19%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 11.360, 294.811 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, 11.360, 294.811 by changing the saturation by 10% instead.


 76, 11.360,
294.811


 76, 11.360,
294.811


 100, 11.360,
294.811


 66, 11.360,
294.811


 96, 11.360,
294.811

 56, 11.360,
294.811

 46, 11.360,
294.811

 36, 11.360,
294.811

 26, 11.360,
294.811

 16, 11.360,
294.811

 6, 11.360, 294.811

0, 11.360, 294.811

76, 11.360,
294.811

76, 11.360,
294.811

69, 22.965,
295.824

83, 0.208, 294.071

62, 35.053,
297.009

89, 10.516,
113.186

56, 47.630,
298.375

96, 20.845,
112.550

49, 60.650,
299.918

99, 24.589,
108.313

43, 73.935,
301.600

37, 87.022,
303.317

■ 32, 98.937,
304.873

■ 28, 108.111,
305.990

■ 26, 113.536,
306.567

Harmonies

Complementary

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



76, 11.360, 294.811



82, 11.097, 113.088

Rectangle

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



76, 11.360, 294.811



76, 11.360, 344.811



76, 11.360, 114.811



76, 11.360, 164.811

Sweetspot

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



76, 11.358, 294.807



98, 3.927, 294.176



81, 6.868, 206.791



52, 2.980, 294.243



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, 11.358, 294.807



90, 15.961, 294.994



77, 12.183, 312.343



39, 6.261, 294.733



19, 96.397, 306.628



1, 23.599, 294.903

Inverse Universe

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



77, 12.798, 327.688



92, 17.935, 327.805



81, 12.038, 131.507



40, 7.062, 327.640



38, 77.736, 332.387



5, 26.890, 330.829

Previews

White Background



This preview shows how the CIELCh color 76, 11.360, 294.811 looks on a white background.

Color Contrast Check

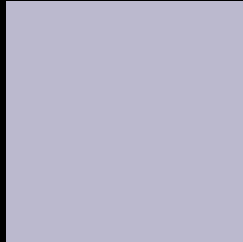
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 76, 11.360, 294.811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

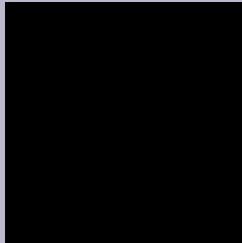
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

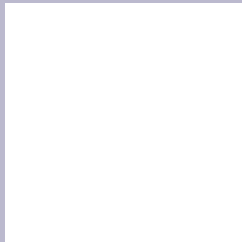
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 11.360, 294.811

Background



This preview shows how black text looks on a background with the CIELCh color 76, 11.360, 294.811.

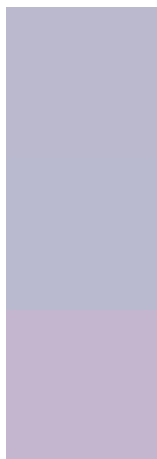


This preview shows how white text looks on a background with the CIELCh color 76, 11.360, 294.811.

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

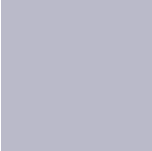
76, 11.360, 294.811

Protanopia

76, 11.316, 289.447

Deuteranopia

76, 14.452, 311.647



Tritanopia
76, 8.086, 290.938

Trichromacy



Original Color
76, 11.360, 294.811

Protanomaly
76, 11.316, 291.232

Deuteranomaly
76, 13.483, 306.677

Tritanomaly
76, 9.163, 291.036

Monochromacy



Original Color
76, 11.360, 294.811

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 4.333, 295.409

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 11.360, 294.811 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(187, 185, 206)` looks like.

```
.text, #text, p{  
    color:rgb(187, 185, 206)  
}
```

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(187, 185, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 185, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 11.360, 294.811 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(187, 185, 206) }
```

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

```
.border{ border-color:rgb(187, 185, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 185, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 185, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 185, 206);  
box-shadow:4px 4px 4px 4px rgb(187, 185,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 11.360, 294.811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 185, 206) }
```

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

```
.background{ background-color: rgb(187,  
185, 206) }
```

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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