

Converting Colors

CIELCh(76, 29.163, 291.385)

Have a look what the booklet for
CIELCh(76, 29.163, 291.385)
contains.

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Color

CIELCh(76, 29.113, 291.557)

Conversions

Conversions Part 1

Format	Color
Hex	B5B7ED
RGB	181, 183, 237
RGB Percent	71%, 72%, 93%
CMY	0.2896, 0.2818, 0.0700
CMYK	0.24, 0.23, 0.00, 0.07
HSL	238°, 61%, 82%
HSV	238°, 24%, 93%
XYZ	51.3579, 49.8872, 87.1539
YIQ	188.5580, -18.5260, 16.3700

Conversions

Conversions Part 2

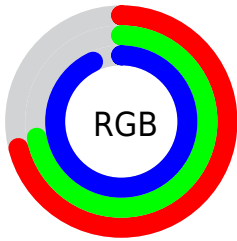
Format	Color
RYB	181, 183, 237
Decimal	11909101
CIELab	76.00, 10.70, -27.08
CIELCh	76, 29.113, 291.557
Yxy	49.8872, 0.2726, 0.2648
Android (android.graphics.Color)	4290099181 (0xFFB5B7ED)
YUV	188.5580, 23.8819, -6.6284
Hunter-Lab	70.6309, 6.1888, -23.7184

Details

The CIELCh color `76, 29.113, 291.557` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `92, 27.642, 106.348`, and the grayscale version is `76, 0.009, 296.813`.

A 20% lighter version of the original color is `95, 8.233, 288.435`, and `56, 29.229, 291.611` is the 20% darker color. If you saturate the color by 10%, you get `68, 42.307, 293.125`, and if you desaturate by 10%, it is `84, 16.453, 290.223`.

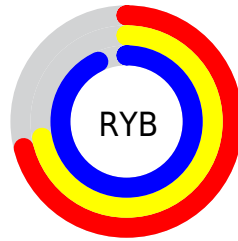
Distribution



Red (71%)

Green (72%)

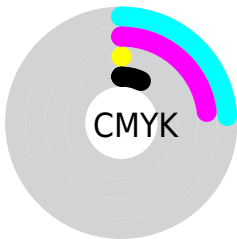
Blue (93%)



Red (71%)

Yellow (72%)

Blue (93%)

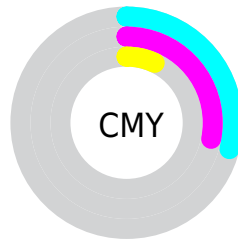


Cyan (24%)

Magenta (23%)

Yellow (0%)

Black (7%)



Cyan (29%)


Magenta (28%)


Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 29.113, 291.557 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, 29.113, 291.557 by changing the saturation by 10% instead.


 76, 29.113,
291.557


 76, 29.113,
291.557


 100, 29.113,
291.557


 66, 29.113,
291.557


 96, 29.113,
291.557

 56, 29.113,
291.557

 46, 29.113,
291.557

 36, 29.113,
291.557

 26, 29.113,
291.557

 16, 29.113,
291.557

 6, 29.113, 291.557

■ 0, 29.113, 291.557

■ 76, 29.113,
291.557

■ 76, 29.113,
291.557

■ 68, 42.307,
293.125

■ 84, 16.453,
290.223

■ 61, 56.065,
294.955

■ 91, 4.293, 289.106

■ 54, 70.355,
297.044

■ 99, 7.409, 108.112

■ 100, 9.038,
109.492

■ 47, 84.982,
299.339

■ 40, 99.370,
301.690

■ 35, 112.263,
303.825

■ 31, 121.718,
305.402

■ 30, 125.220,
305.973

Harmonies

Complementary

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



76, 29.113, 291.557



92, 27.642, 106.348

Rectangle

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



76, 29.113, 291.557



76, 29.113, 341.557



76, 29.113, 111.557



76, 29.113, 161.557

Sweetspot

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



76, 29.111, 291.556



94, 8.862, 289.462



90, 18.765, 193.714



50, 5.764, 289.528



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, 29.111, 291.556



78, 36.949, 292.230



78, 31.405, 308.508



45, 6.751, 289.732



22, 101.833, 305.848



3, 34.846, 297.099

Inverse Universe

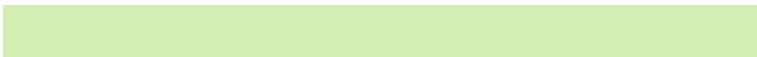
The Inverse Universe completely reimagines the original color for something new.



79, 21.676, 18.435



81, 27.696, 18.970



91, 30.283, 126.169



46, 4.905, 17.048



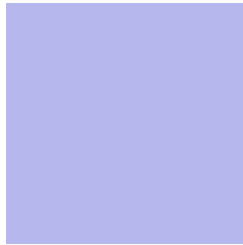
38, 79.281, 38.535



7, 28.383, 21.268

Previews

White Background



This preview shows how the CIELCh color 76, 29.113, 291.557 looks on a white background.

Color Contrast Check

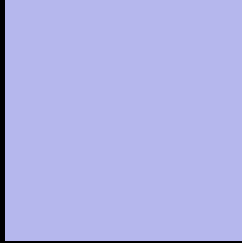
Large Text (above 18pt) WCAG AA × Fail

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, 29.113, 291.557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

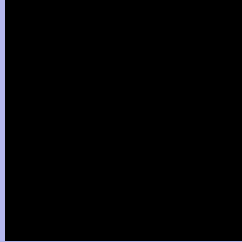
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 29.113, 291.557

Background



This preview shows how black text looks on a background with the CIELCh color 76, 29.113, 291.557.



This preview shows how white text looks on a background with the CIELCh color 76, 29.113, 291.557.

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

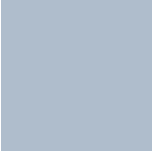
76, 29.113, 291.557

Protanopia

76, 29.201, 285.896

Deuteranopia

76, 28.570, 289.529



Tritanopia
76, 9.347, 259.243

Trichromacy



Original Color
76, 29.113, 291.557

Protanomaly
76, 29.134, 288.389

Deuteranomaly
76, 28.559, 290.174

Tritanomaly
76, 15.905, 279.222

Monochromacy



Original Color
76, 29.113, 291.557

Achromatopsia
77, 0.009, 296.813

Achromatomaly
76, 10.768, 289.299

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 29.113, 291.557 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(181, 183, 237)` looks like.

```
.text, #text, p{  
    color:rgb(181, 183, 237)  
}
```

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(181, 183, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 183, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 29.113, 291.557 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(181, 183, 237) }
```

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

```
.border{ border-color:rgb(181, 183, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 183, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 183, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 183, 237);  
box-shadow:4px 4px 4px 4px rgb(181, 183,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 29.113, 291.557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 183, 237) }
```

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

```
.background{ background-color: rgb(181,  
183, 237) }
```

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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