

Converting Colors

CIELCh(76, 36.603, 293.882)

Have a look what the booklet for
CIELCh(76, 36.603, 293.882)
contains.

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Color

CIELCh(76, 36.686, 293.989)

Conversions

Conversions Part 1

Format	Color
Hex	B6B5F9
RGB	182, 181, 249
RGB Percent	71%, 71%, 98%
CMY	0.2859, 0.2898, 0.0231
CMYK	0.27, 0.27, 0.00, 0.02
HSL	241°, 85%, 84%
HSV	241°, 27%, 98%
XYZ	52.9704, 49.8872, 96.5404
YIQ	189.0510, -21.2320, 21.3600

Conversions

Conversions Part 2

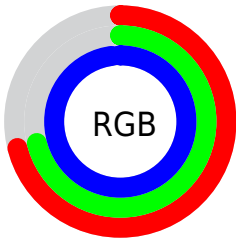
Format	Color
R _Y B	182, 181, 249
Decimal	11974137
CIE Lab	76.00, 14.92, -33.52
CIE LCh	76, 36.686, 293.989
Yxy	49.8872, 0.2657, 0.2502
Android (android.graphics.Color)	4290164217 (0xFFB6B5F9)
YUV	189.0510, 29.5549, -6.1837
Hunter-Lab	70.6309, 10.2638, -31.5977

Details

The CIELCh color `76, 36.686, 293.989` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `96, 34.340, 108.159`, and the grayscale version is `77, 0.009, 296.813`.

A 20% lighter version of the original color is `94, 9.308, 295.134`, and `56, 36.685, 294.369` is the 20% darker color. If you saturate the color by 10%, you get `68, 51.215, 295.574`, and if you desaturate by 10%, it is `84, 22.762, 292.636`.

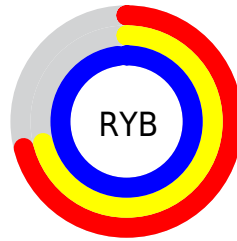
Distribution



Red (71%)

Green (71%)

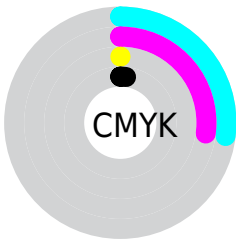
Blue (98%)



Red (71%)

Yellow (71%)

Blue (98%)

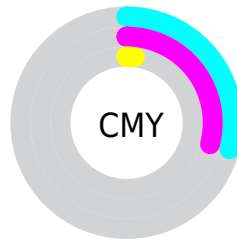


Cyan (27%)

Magenta (27%)

Yellow (0%)

Black (2%)



Cyan (29%)


Magenta (29%)


Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 36.686, 293.989 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, 36.686, 293.989 by changing the saturation by 10% instead.


 76, 36.686,
293.989


 76, 36.686,
293.989


 100, 36.686,
293.989


 66, 36.686,
293.989


 96, 36.686,
293.989

 56, 36.686,
293.989

 46, 36.686,
293.989

 36, 36.686,
293.989

 26, 36.686,
293.989

 16, 36.686,
293.989

 6, 36.686, 293.989

■ 0, 36.686, 293.989

■ 76, 36.686,
293.989

■ 76, 36.686,
293.989

■ 68, 51.215,
295.574

■ 84, 22.762,
292.636

■ 60, 66.344,
297.403

■ 92, 9.415, 291.491

■ 52, 81.938,
299.448

■ 100, 2.981,
109.929

■ 45, 97.552,
301.606

■ 39, 112.110,
303.656

■ 34, 123.687,
305.269

■ 32, 130.220,
306.149

■ 32, 131.398,
306.317

Harmonies

Complementary

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



76, 36.686, 293.989



96, 34.340, 108.159

Rectangle

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



76, 36.686, 293.989



76, 36.686, 343.989



76, 36.686, 113.989



76, 36.686, 163.989

Sweetspot

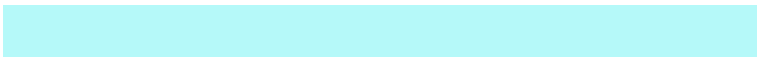
The Sweet Spot groups the original color and five complimentary colors.



76, 36.684, 293.989



93, 10.530, 291.566



94, 22.028, 198.036



49, 7.505, 291.728



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, 36.684, 293.989



73, 45.755, 294.869



79, 38.275, 310.397



48, 7.382, 291.726



23, 106.634, 306.329



3, 42.069, 301.138

Inverse Universe

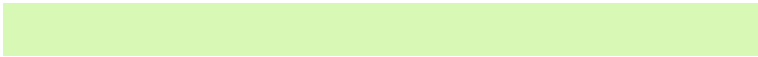
The Inverse Universe completely reimagines the original color for something new.



82, 42.390, 326.340



80, 52.071, 326.648



94, 36.838, 127.793



49, 8.820, 325.341



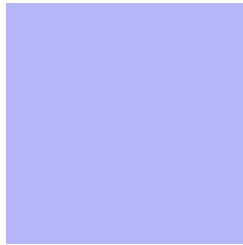
45, 91.099, 328.826



11, 41.277, 328.750

Previews

White Background



This preview shows how the CIELCh color 76, 36.686, 293.989 looks on a white background.

Color Contrast Check

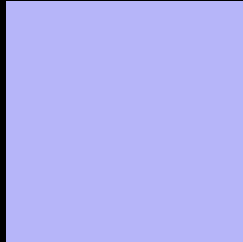
Large Text (above 18pt) WCAG AA × Fail

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, 36.686, 293.989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

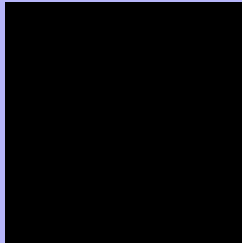
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 36.686, 293.989

Background



This preview shows how black text looks on a background with the CIELCh color 76, 36.686, 293.989.



This preview shows how white text looks on a background with the CIELCh color 76, 36.686, 293.989.

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, 36.686, 293.989

Protanopia

76, 36.269, 285.178

Deuteranopia

76, 34.568, 287.094



Tritanopia
76, 10.144, 257.591

Trichromacy



Original Color
76, 36.686, 293.989

Protanomaly
76, 36.138, 288.028

Deuteranomaly
76, 35.038, 289.762

Tritanomaly
76, 19.074, 281.752

Monochromacy



Original Color
76, 36.686, 293.989

Achromatopsia
77, 0.009, 296.813

Achromatomaly
76, 13.469, 291.427

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 36.686, 293.989 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(182, 181, 249)` looks like.

```
.text, #text, p{  
    color:rgb(182, 181, 249)  
}
```

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(182, 181, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 181, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 36.686, 293.989 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(182, 181, 249) }
```

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

```
.border{ border-color:rgb(182, 181, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 181, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 181, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 181, 249);  
box-shadow:4px 4px 4px 4px rgb(182, 181,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 36.686, 293.989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 181, 249) }
```

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

```
.background{ background-color: rgb(182,  
181, 249) }
```

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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