

Converting Colors

CIELCh(76, 36.206, 286.111)

Have a look what the booklet for
CIELCh(76, 36.206, 286.111)
contains.

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Color

CIELCh(76, 36.240, 286.134)

Conversions

Conversions Part 1

Format	Color
Hex	A9B8FB
RGB	169, 184, 251
RGB Percent	66%, 72%, 98%
CMY	0.3359, 0.2771, 0.0142
CMYK	0.33, 0.27, 0.00, 0.01
HSL	229°, 92%, 82%
HSV	229°, 33%, 99%
XYZ	51.1213, 49.8872, 98.5063
YIQ	187.1530, -30.4470, 17.6570

Conversions

Conversions Part 2

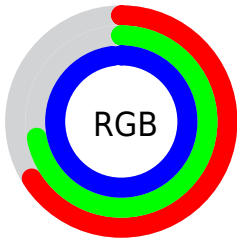
Format	Color
RYB	169, 182, 251
Decimal	11122939
CIELab	76.00, 10.07, -34.81
CIElCh	76, 36.240, 286.134
Yxy	49.8872, 0.2562, 0.2500
Android (android.graphics.Color)	4289313019 (0xFFA9B8FB)
YUV	187.1530, 31.4766, -15.9202
Hunter-Lab	70.6309, 5.5908, -33.2480

Details

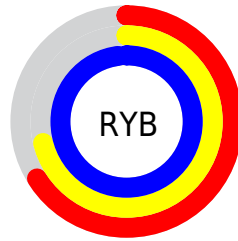
The CIELCh color `76, 36.240, 286.134` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `93, 34.677, 97.616`, and the grayscale version is `76, 0.009, 296.813`.

A 20% lighter version of the original color is `94, 8.972, 258.848`, and `56, 36.247, 286.062` is the 20% darker color. If you saturate the color by 10%, you get `69, 48.158, 288.131`, and if you desaturate by 10%, it is `83, 24.727, 284.426`.

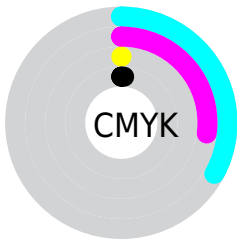
Distribution



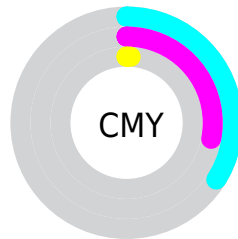
- Red (66%)
- Green (72%)
- Blue (98%)



- Red (66%)
- Yellow (71%)
- Blue (98%)



- Cyan (33%)
- Magenta (27%)
- Yellow (0%)
- Black (1%)





- Cyan (34%)
- Magenta (28%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 36.240, 286.134 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, 36.240, 286.134 by changing the saturation by 10% instead.


 76, 36.240,
286.134


 76, 36.240,
286.134


 100, 36.240,
286.134


 66, 36.240,
286.134


 96, 36.240,
286.134

 56, 36.240,
286.134

 46, 36.240,
286.134

 36, 36.240,
286.134

 26, 36.240,
286.134

 16, 36.240,
286.134

 6, 36.240, 286.134

■ 0, 36.240, 286.134

■ 76, 36.240,
286.134

■ 76, 36.240,
286.134

■ 69, 48.158,
288.131

■ 83, 24.727,
284.426

■ 62, 60.519,
290.442

■ 90, 13.589,
282.972

■ 56, 73.324,
293.062

■ 97, 2.793, 281.775

■ 49, 86.468,
295.928

■ 100, 1.830,
109.999

■ 44, 99.590,
298.885

■ 39, 111.873,
301.680

■ 36,119.673,
303.428

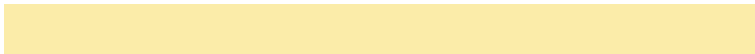
Harmonies

Complementary

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



76, 36.240, 286.134



93, 34.677, 97.616

Rectangle

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



76, 36.240, 286.134



76, 36.240, 336.134



76, 36.240, 106.134



76, 36.240, 156.134

Sweetspot

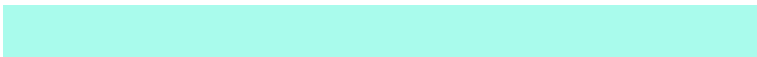
The Sweet Spot groups the original color and five complimentary colors.



76, 36.239, 286.134



93, 10.847, 282.630



93, 28.058, 181.504



49, 7.415, 282.812



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, 36.239, 286.134



73, 44.301, 287.377



74, 45.356, 304.635



48, 6.061, 282.565



26, 95.137, 303.015



5, 36.586, 297.304

Inverse Universe

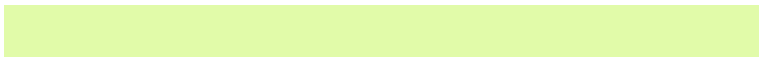
The Inverse Universe completely reimagines the original color for something new.



78, 32.453, 8.334



75, 39.734, 9.404



95, 42.480, 120.562



49, 5.309, 5.392



39, 75.011, 30.801



9, 31.076, 18.582

Previews

White Background



This preview shows how the CIELCh color 76, 36.240, 286.134 looks on a white background.

Color Contrast Check

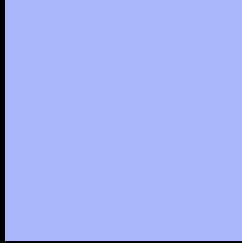
Large Text (above 18pt) WCAG AA × Fail

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, 36.240, 286.134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

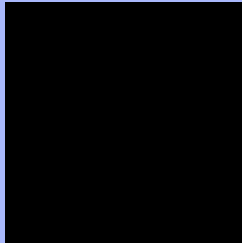
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 36.240, 286.134

Background



This preview shows how black text looks on a background with the CIELCh color 76, 36.240, 286.134.



This preview shows how white text looks on a background with the CIELCh color 76, 36.240, 286.134.

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

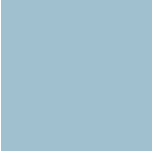
76, 36.240, 286.134

Protanopia

76, 36.269, 285.178

Deuteranopia

76, 36.240, 286.134



Tritanopia
76, 13.646, 238.136

Trichromacy



Original Color
76, 36.240, 286.134

Protanomaly
76, 36.269, 285.178

Deuteranomaly
76, 36.240, 286.134

Tritanomaly
76, 20.413, 267.224

Monochromacy



Original Color
76, 36.240, 286.134

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 13.047, 282.178

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 36.240, 286.134 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(169, 184, 251)` looks like.

```
.text, #text, p{  
    color:rgb(169, 184, 251)  
}
```

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(169, 184, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 184, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 36.240, 286.134 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(169, 184, 251) }
```

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

```
.border{ border-color:rgb(169, 184, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 184, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 184, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 184, 251);  
box-shadow:4px 4px 4px 4px rgb(169, 184,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 36.240, 286.134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 184, 251) }
```

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

```
.background{ background-color: rgb(169,  
184, 251) }
```

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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