

Converting Colors

CIELCh(76, 36.326, 296.495)

Have a look what the booklet for
CIELCh(76, 36.326, 296.495)
contains.

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Color

CIELCh(76, 36.249, 296.474)

Conversions

Conversions Part 1

Format	Color
Hex	BAB4F7
RGB	186, 180, 247
RGB Percent	73%, 71%, 97%
CMY	0.2700, 0.2935, 0.0307
CMYK	0.25, 0.27, 0.00, 0.03
HSL	245°, 81%, 84%
HSV	245°, 27%, 97%
XYZ	53.4524, 49.8872, 94.9374
YIQ	189.4320, -17.9310, 22.1090

Conversions

Conversions Part 2

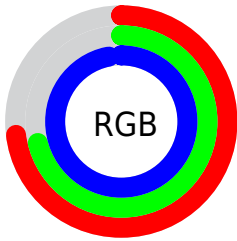
Format	Color
RYB	186, 180, 247
Decimal	12236023
CIELab	76.00, 16.16, -32.45
CIELCh	76, 36.249, 296.474
Yxy	49.8872, 0.2696, 0.2516
Android (android.graphics.Color)	4290426103 (0xFFBAB4F7)
YUV	189.4320, 28.3810, -3.0099
Hunter-Lab	70.6309, 11.4820, -30.2521

Details

The CIELCh color $76, 36.249, 296.474$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $95, 33.981, 111.429$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 10.116, 304.732$, and $56, 36.210, 296.864$ is the 20% darker color. If you saturate the color by 10%, you get $68, 50.660, 297.820$, and if you desaturate by 10%, it is $84, 22.411, 295.313$.

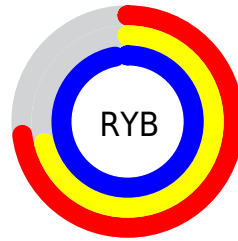
Distribution



Red (73%)

Green (71%)

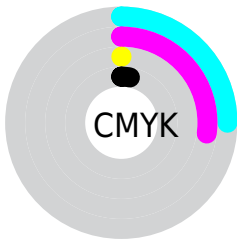
Blue (97%)



Red (73%)

Yellow (71%)

Blue (97%)

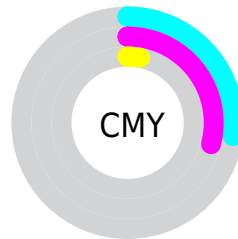


Cyan (25%)

Magenta (27%)

Yellow (0%)

Black (3%)



Cyan (27%)


Magenta (29%)


Yellow (3%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 36.249, 296.474 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, 36.249, 296.474 by changing the saturation by 10% instead.

 76, 36.249,
296.474

 76, 36.249,
296.474


 100, 36.249,
296.474


 66, 36.249,
296.474


 96, 36.249,
296.474

 56, 36.249,
296.474

 46, 36.249,
296.474

 36, 36.249,
296.474

 26, 36.249,
296.474

 16, 36.249,
296.474

 6, 36.249, 296.474

■ 0, 36.249, 296.474

■ 76, 36.249,
296.474

■ 76, 36.249,
296.474

■ 68, 50.660,
297.820

■ 84, 22.411,
295.313

■ 60, 65.620,
299.354

■ 92, 9.132, 294.321

■ 53, 80.971,
301.049

■ 100, 3.622,
113.459

■ 46, 96.275,
302.818

■ 100, 3.964,
109.862

■ 40, 110.544,
304.478

■ 35, 122.052,
305.755

■ 32, 128.872,
306.382

■ 32, 130.217,
306.508

Harmonies

Complementary

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



76, 36.249, 296.474



95, 33.981, 111.429

Rectangle

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



76, 36.249, 296.474



76, 36.249, 346.474



76, 36.249, 116.474



76, 36.249, 166.474

Sweetspot

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



76, 36.247, 296.474



94, 10.556, 294.404



92, 20.040, 206.528



49, 7.523, 294.545



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, 36.247, 296.474



73, 45.816, 297.251



79, 38.314, 313.139



47, 7.275, 294.541



23, 105.149, 306.570



3, 40.170, 301.834

Inverse Universe

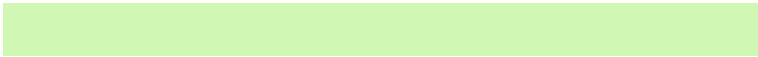
The Inverse Universe completely reimagines the original color for something new.



81, 39.763, 328.533



80, 49.507, 328.882



93, 37.161, 130.690



48, 8.238, 327.483



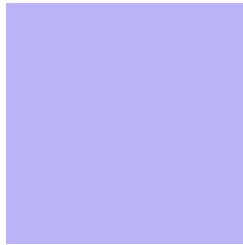
43, 85.032, 332.156



10, 38.159, 331.592

Previews

White Background



This preview shows how the CIELCh color 76, 36.249, 296.474 looks on a white background.

Color Contrast Check

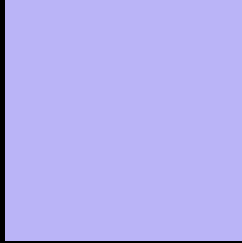
Large Text (above 18pt) WCAG AA × Fail

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, 36.249, 296.474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

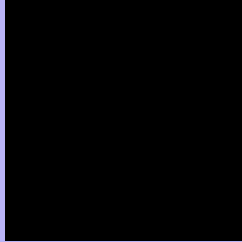
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 36.249, 296.474

Background



This preview shows how black text looks on a background with the CIELCh color 76, 36.249, 296.474.

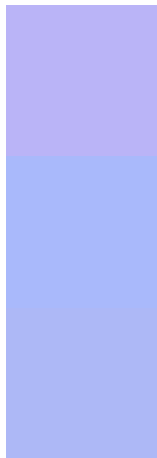


This preview shows how white text looks on a background with the CIELCh color 76, 36.249, 296.474.

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, 36.249, 296.474

Protanopia

76, 35.709, 285.461

Deuteranopia

76, 33.481, 287.293



Tritanopia
76, 8.743, 267.129

Trichromacy



Original Color
76, 36.249, 296.474

Protanomaly
76, 36.119, 289.492

Deuteranomaly
76, 33.948, 290.588

Tritanomaly
76, 18.352, 287.615

Monochromacy



Original Color
76, 36.249, 296.474

Achromatopsia
77, 0.009, 296.813

Achromatomaly
76, 13.524, 295.890

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 36.249, 296.474 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, 180, 247)` looks like.

```
.text, #text, p{  
    color:rgb(186, 180, 247)  
}
```

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, 180, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 180, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 36.249, 296.474 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, 180, 247) }
```

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

```
.border{ border-color:rgb(186, 180, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 180, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 180, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 180, 247);  
box-shadow:4px 4px 4px 4px rgb(186, 180,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 36.249, 296.474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 180, 247) }
```

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

```
.background{ background-color: rgb(186,  
180, 247) }
```

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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