

Converting Colors

CIELCh(76, 37.292, 285.996)

Have a look what the booklet for
CIELCh(76, 37.292, 285.996)
contains.

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Color

CIELCh(76, 37.327, 286.019)

Conversions

Conversions Part 1

Format	Color
Hex	A8B8FD
RGB	168, 184, 253
RGB Percent	66%, 72%, 99%
CMY	0.3399, 0.2772, 0.0065
CMYK	0.34, 0.27, 0.00, 0.01
HSL	229°, 96%, 83%
HSV	229°, 34%, 99%
XYZ	51.2081, 49.8872, 100.1423
YIQ	187.0820, -31.6850, 18.0670

Conversions

Conversions Part 2

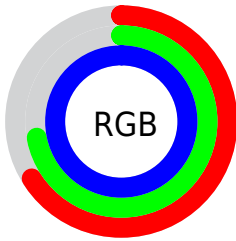
Format	Color
R _Y B	168, 181, 253
Decimal	11057405
CIE Lab	76.00, 10.30, -35.88
CIE LCh	76, 37.327, 286.019
Yxy	49.8872, 0.2545, 0.2479
Android (android.graphics.Color)	4289247485 (0xFFA8B8FD)
YUV	187.0820, 32.4976, -16.7349
Hunter-Lab	70.6309, 5.8102, -34.6212

Details

The CIELCh color **76, 37.327, 286.019** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **94, 35.711, 97.173**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 9.145, 257.045**, and **56, 37.394, 286.053** is the 20% darker color. If you saturate the color by 10%, you get **69, 49.273, 288.053**, and if you desaturate by 10%, it is **83, 25.785, 284.278**.

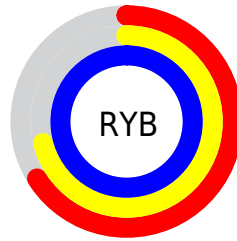
Distribution



Red (66%)

Green (72%)

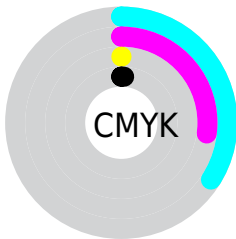
Blue (99%)



Red (66%)

Yellow (71%)

Blue (99%)

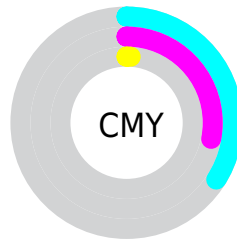


Cyan (34%)

Magenta (27%)

Yellow (0%)

Black (1%)



Cyan (34%)

Magenta (28%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 37.327, 286.019 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, 37.327, 286.019 by changing the saturation by 10% instead.

■ 76, 37.327,
286.019

■ 76, 37.327,
286.019

■ 100, 37.327,
286.019

■ 66, 37.327,
286.019

■ 96, 37.327,
286.019

■ 56, 37.327,
286.019

■ 46, 37.327,
286.019

■ 36, 37.327,
286.019

■ 26, 37.327,
286.019

■ 16, 37.327,
286.019

■ 6, 37.327, 286.019

■ 0, 37.327, 286.019

■ 76, 37.327,
286.019

■ 76, 37.327,
286.019

■ 69, 49.273,
288.053

■ 83, 25.785,
284.278

■ 62, 61.661,
290.405

■ 90, 14.615,
282.796

■ 56, 74.489,
293.066

■ 97, 3.785, 281.560

■ 49, 87.644,
295.967

■ 100, 0.830,
110.023

■ 44, 100.748,
298.947

■ 39, 112.968,
301.749

■ 36,119.803,
303.285

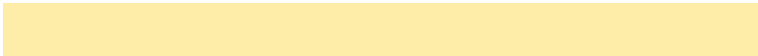
Harmonies

Complementary

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



76, 37.327, 286.019



94, 35.711, 97.173

Rectangle

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



76, 37.327, 286.019



76, 37.327, 336.019



76, 37.327, 106.019



76, 37.327, 156.019

Sweetspot

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



76, 37.326, 286.019



93, 10.783, 282.326



94, 29.261, 180.061



49, 7.371, 282.509



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, 37.326, 286.019



72, 45.215, 287.297



74, 46.948, 304.164



49, 6.126, 282.263



27, 95.649, 302.877



6, 38.083, 297.949

Inverse Universe

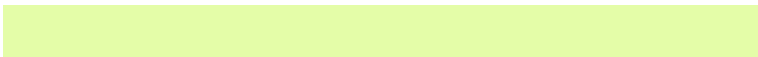
The Inverse Universe completely reimagines the original color for something new.



78, 33.683, 8.081



74, 40.842, 9.182



96, 43.806, 119.835



50, 5.407, 4.987



40, 75.536, 30.473



10, 32.054, 19.317

Previews

White Background



This preview shows how the CIELCh color 76, 37.327, 286.019 looks on a white background.

Color Contrast Check

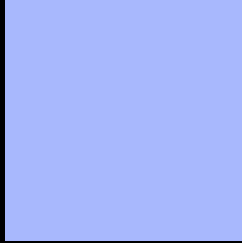
Large Text (above 18pt) WCAG AA × Fail

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, 37.327, 286.019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

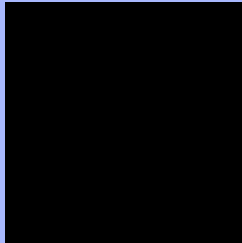
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 37.327, 286.019

Background



This preview shows how black text looks on a background with the CIELCh color 76, 37.327, 286.019.



This preview shows how white text looks on a background with the CIELCh color 76, 37.327, 286.019.

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, 37.327, 286.019

Protanopia

76, 37.356, 285.099

Deuteranopia

76, 37.327, 286.019



Tritanopia
76, 14.114, 233.772

Trichromacy



Original Color
76, 37.327, 286.019

Protanomaly
76, 37.356, 285.099

Deuteranomaly
76, 37.327, 286.019

Tritanomaly
76, 20.172, 264.817

Monochromacy



Original Color
76, 37.327, 286.019

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 13.590, 282.619

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 37.327, 286.019 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(168, 184, 253)` looks like.

```
.text, #text, p{  
    color:rgb(168, 184, 253)  
}
```

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(168, 184, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 184, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 37.327, 286.019 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(168, 184, 253) }
```

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

```
.border{ border-color:rgb(168, 184, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 184, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 184, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 184, 253);  
box-shadow:4px 4px 4px 4px rgb(168, 184,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 37.327, 286.019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 184, 253) }
```

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

```
.background{ background-color: rgb(168,  
184, 253) }
```

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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