

Converting Colors

CIELCh(75, 34.034, 291.219)

Have a look what the booklet for
CIELCh(75, 34.034, 291.219)
contains.

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Color

CIELCh(75, 34.041, 291.165)

Conversions

Conversions Part 1

Format	Color
Hex	B0B4F3
RGB	176, 180, 243
RGB Percent	69%, 71%, 95%
CMY	0.3102, 0.2945, 0.0475
CMYK	0.28, 0.26, 0.00, 0.05
HSL	236°, 73%, 82%
HSV	236°, 28%, 95%
XYZ	50.3370, 48.2781, 91.3651
YIQ	185.9860, -22.6070, 18.7450

Conversions

Conversions Part 2

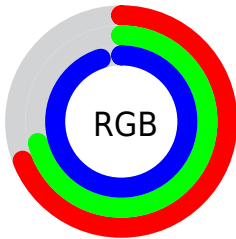
Format	Color
R _Y B	176, 180, 243
Decimal	11580659
CIE Lab	75.00, 12.29, -31.74
CIE LCh	75, 34.041, 291.165
Yxy	48.2781, 0.2650, 0.2541
Android (android.graphics.Color)	4289770739 (0xFFB0B4F3)
YUV	185.9860, 28.1079, -8.7577
Hunter-Lab	69.4824, 7.7211, -29.3250

Details

The CIELCh color `75, 34.041, 291.165` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `93, 32.110, 104.835`, and the grayscale version is `75, 0.009, 296.813`.

A 20% lighter version of the original color is `94, 9.832, 284.974`, and `55, 34.482, 291.534` is the 20% darker color. If you saturate the color by 10%, you get `67, 47.340, 292.863`, and if you desaturate by 10%, it is `83, 21.274, 289.717`.

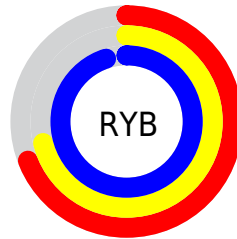
Distribution



Red (69%)

Green (71%)

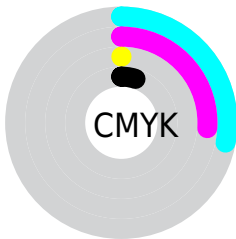
Blue (95%)



Red (69%)

Yellow (71%)

Blue (95%)

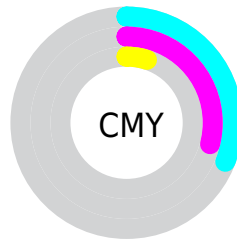


Cyan (28%)

Magenta (26%)

Yellow (0%)

Black (5%)



Cyan (31%)


Magenta (29%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 34.041, 291.165 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 75, 34.041, 291.165 by changing the saturation by 10% instead.


 75, 34.041,
291.165


 75, 34.041,
291.165


 100, 34.041,
291.165


 65, 34.041,
291.165


 95, 34.041,
291.165


 55, 34.041,
291.165

 45, 34.041,
291.165

 35, 34.041,
291.165

 25, 34.041,
291.165

 15, 34.041,
291.165

 5, 34.041, 291.165

■ 0, 34.041, 291.165

■ 75, 34.041,
291.165

■ 75, 34.041,
291.165

■ 67, 47.340,
292.863

■ 83, 21.274,
289.717

■ 60, 61.194,
294.833

■ 90, 9.006, 288.493

■ 53, 75.548,
297.064

■ 98, 2.804, 107.400

■ 100, 6.133,
109.707

■ 46, 90.150,
299.480

■ 40, 104.309,
301.900

■ 35, 116.620,
304.031

■ 32,125.155,
305.533

■ 31,126.509,
305.757

Harmonies

Complementary

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



75, 34.041, 291.165



93, 32.110, 104.835

Rectangle

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



75, 34.041, 291.165



75, 34.041, 341.165



75, 34.041, 111.165



75, 34.041, 161.165

Sweetspot

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



75, 34.039, 291.164



94, 9.892, 288.543



91, 22.173, 191.955



49, 7.049, 288.715



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



75, 34.039, 291.164



74, 42.841, 292.066



76, 37.517, 308.179



47, 6.816, 288.710



23, 102.943, 305.576



4, 38.245, 298.774

Inverse Universe

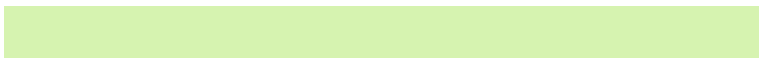
The Inverse Universe completely reimagines the original color for something new.



78, 26.139, 17.050



78, 33.117, 17.807



92, 35.882, 125.350



48, 5.088, 15.108



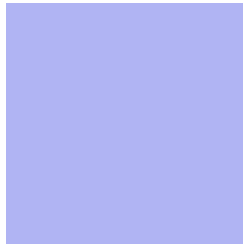
39, 80.049, 37.679



8, 30.656, 22.608

Previews

White Background



This preview shows how the CIELCh color 75, 34.041, 291.165 looks on a white background.

Color Contrast Check

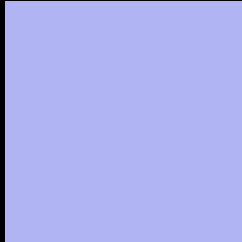
Large Text (above 18pt) WCAG AA × Fail

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 75, 34.041, 291.165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

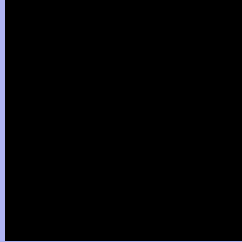
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 34.041, 291.165

Background



This preview shows how black text looks on a background with the CIELCh color 75, 34.041, 291.165.

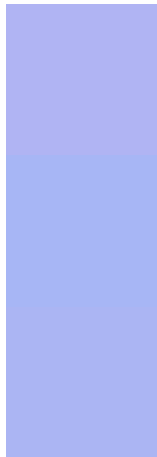


This preview shows how white text looks on a background with the CIELCh color 75, 34.041, 291.165.

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

75, 34.041, 291.165

Protanopia

75, 34.191, 285.457

Deuteranopia

75, 33.557, 287.876



Tritanopia
75, 10.322, 251.008

Trichromacy



Original Color
75, 34.041, 291.165

Protanomaly
75, 34.112, 287.507

Deuteranomaly
75, 33.518, 288.929

Tritanomaly
75, 18.242, 277.937

Monochromacy



Original Color
75, 34.041, 291.165

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 12.426, 288.104

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 34.041, 291.165 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(176, 180, 243)` looks like.

```
.text, #text, p{  
    color:rgb(176, 180, 243)  
}
```

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(176, 180, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 180, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 34.041, 291.165 is called "border". The border property can be set on classes, ids or directly on the HTML element.

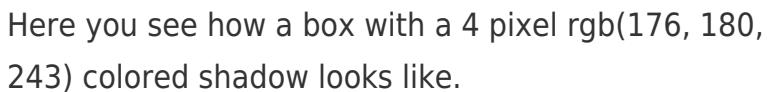
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 180, 243) }
```

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

```
.border{ border-color:rgb(176, 180, 243) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 180, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 180, 243); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 180, 243); box-shadow:4px 4px 4px 4px rgb(176, 180, 243) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 34.041, 291.165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 180, 243) }
```

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

```
.background{ background-color: rgb(176,  
180, 243) }
```

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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