

Converting Colors

CIELCh(75, 41.780, 297.375)

Have a look what the booklet for
CIELCh(75, 41.780, 297.375)
contains.

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Color

CIELCh(75, 41.780, 297.375)

Conversions

Conversions Part 1

Format	Color
Hex	B8B0FD
RGB	184, 176, 253
RGB Percent	72%, 69%, 99%
CMY	0.2788, 0.3102, 0.0082
CMYK	0.27, 0.30, 0.00, 0.01
HSL	246°, 95%, 84%
HSV	246°, 30%, 99%
XYZ	52.9648, 48.2781, 99.3713
YIQ	187.1700, -19.9490, 25.6430

Conversions

Conversions Part 2

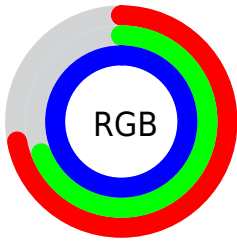
Format	Color
RYB	184, 176, 253
Decimal	12103933
CIELab	75.00, 19.21, -37.10
CIELCh	75, 41.780, 297.375
Yxy	48.2781, 0.2640, 0.2407
Android (android.graphics.Color)	4290294013 (0xFFB8B0FD)
YUV	187.1700, 32.4542, -2.7801
Hunter-Lab	69.4824, 14.4719, -36.1567

Details

The CIELCh color $75, 41.780, 297.375$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $97, 38.817, 111.768$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 12.322, 305.642$, and $55, 41.446, 297.068$ is the 20% darker color. If you saturate the color by 10%, you get $67, 56.652, 298.742$, and if you desaturate by 10%, it is $83, 27.482, 296.187$.

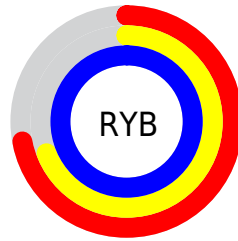
Distribution



Red (72%)

Green (69%)

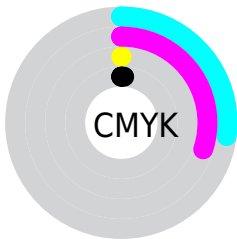
Blue (99%)



Red (72%)

Yellow (69%)

Blue (99%)

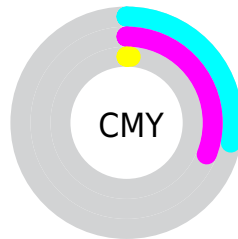


Cyan (27%)

Magenta (30%)

Yellow (0%)

Black (1%)



Cyan (28%)


Magenta (31%)


Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 41.780, 297.375 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, 41.780, 297.375 by changing the saturation by 10% instead.


 75, 41.780,
297.375


 75, 41.780,
297.375


 100, 41.780,
297.375


 65, 41.780,
297.375


 95, 41.780,
297.375

 55, 41.780,
297.375

 45, 41.780,
297.375

 35, 41.780,
297.375

 25, 41.780,
297.375

 15, 41.780,
297.375

 5, 41.780, 297.375

■ 0, 41.780, 297.375

■ 75, 41.780,
297.375

■ 75, 41.780,
297.375

■ 67, 56.652,
298.742

■ 83, 27.482,
296.187

■ 59, 72.038,
300.284

■ 91, 13.760,
295.168

■ 52, 87.697,
301.956

■ 99, 0.583, 294.345

■ 45, 103.025,
303.644

■ 100, 1.054,
110.026

■ 39, 116.779,
305.139

■ 35, 127.030,
306.154

■ 32, 132.393,
306.559

Harmonies

Complementary

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



75, 41.780, 297.375



97, 38.817, 111.768

Rectangle

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



75, 41.780, 297.375



75, 41.780, 347.375



75, 41.780, 117.375



75, 41.780, 167.375

Sweetspot

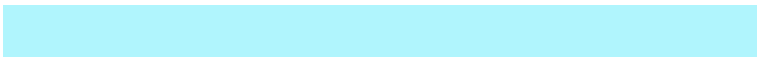
The Sweet Spot groups the original color and five complimentary colors.



75, 41.778, 297.375



93, 11.906, 295.035



92, 22.299, 208.420



48, 8.297, 295.170



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, 41.778, 297.375



70, 51.816, 298.253



78, 44.098, 313.843



49, 7.529, 295.081



23, 107.194, 306.624



4, 44.367, 303.789

Inverse Universe

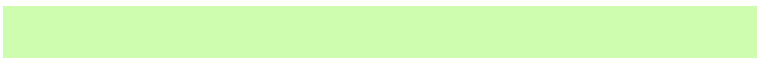
The Inverse Universe completely reimagines the original color for something new.



81, 44.993, 329.184



78, 54.789, 329.576



95, 42.672, 131.078



50, 8.434, 327.920



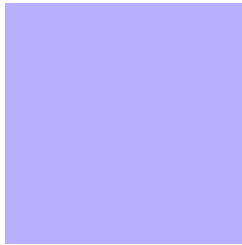
44, 85.784, 332.865



12, 39.853, 332.250

Previews

White Background



This preview shows how the CIELCh color 75, 41.780, 297.375 looks on a white background.

Color Contrast Check

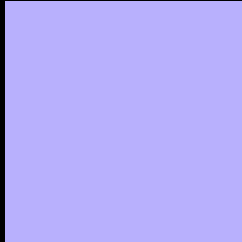
Large Text (above 18pt) WCAG AA × Fail

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, 41.780, 297.375 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, 41.780, 297.375

Background



This preview shows how black text looks on a background with the CIELCh color 75, 41.780, 297.375.



This preview shows how white text looks on a background with the CIELCh color 75, 41.780, 297.375.

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, 41.780, 297.375

Protanopia

75, 39.607, 285.479

Deuteranopia

75, 37.991, 285.359



Tritanopia
75, 9.046, 263.066

Trichromacy



Original Color
75, 41.780, 297.375

Protanomaly
75, 39.977, 289.875

Deuteranomaly
75, 38.910, 289.655

Tritanomaly
75, 20.558, 288.324

Monochromacy



Original Color
75, 41.780, 297.375

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 15.179, 295.548

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 41.780, 297.375 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(184, 176, 253)` looks like.

```
.text, #text, p{  
    color:rgb(184, 176, 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(184, 176, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 176, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 41.780, 297.375 is called "border". The border property can be set on classes, ids or directly on the HTML element.

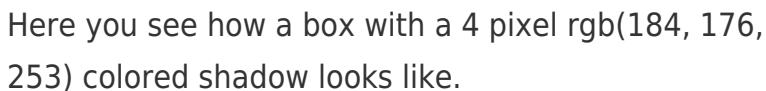
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(184, 176, 253) }
```

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

```
.border{ border-color:rgb(184, 176, 253) }
```

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



Here you see how a box with a 4 pixel `rgb(184, 176, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(184, 176, 253); -webkit-box-shadow:4px 4px 4px 4px rgb(184, 176, 253); box-shadow:4px 4px 4px 4px rgb(184, 176, 253) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 41.780, 297.375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 176, 253) }
```

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

```
.background{ background-color: rgb(184,  
176, 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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