

Converting Colors

CIELCh(77, 43.289, 301.220)

Have a look what the booklet for
CIELCh(77, 43.289, 301.220)
contains.

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Color

CIELCh(77, 41.391, 301.290)

Conversions

Conversions Part 1

Format	Color
Hex	C5B4FF
RGB	197, 180, 255
RGB Percent	77%, 71%, 100%
CMY	0.2291, 0.2959, 0.0000
CMYK	0.23, 0.30, 0.00, 0.00
HSL	254°, 100%, 85%
HSV	254°, 30%, 100%
XYZ	57.2894, 51.5317, 102.0342
YIQ	193.6330, -13.9430, 26.9290

Conversions

Conversions Part 2

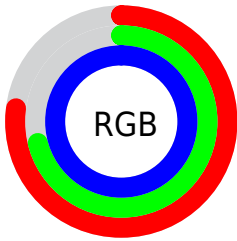
Format	Color
R_{YB}	197, 180, 255
Decimal	12956927
CIE _{Lab}	77.00, 21.50, -35.37
CIE _{LCh}	77, 41.391, 301.290
Yxy	51.5317, 0.2717, 0.2444
Android (android.graphics.Color)	4291147007 (0xFFC5B4FF)
YUV	193.6330, 30.2539, 2.9529
Hunter-Lab	71.7856, 16.8294, -34.0233

Details

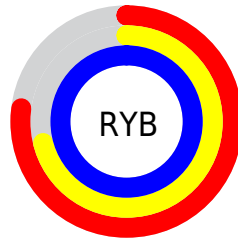
The CIELCh color `77, 41.391, 301.290` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `97, 38.481, 117.017`, and the grayscale version is `78, 0.009, 296.813`.

A 20% lighter version of the original color is `95, 11.855, 324.828`, and `57, 40.940, 301.444` is the 20% darker color. If you saturate the color by 10%, you get `69, 55.972, 302.354`, and if you desaturate by 10%, it is `85, 26.684, 300.426`.

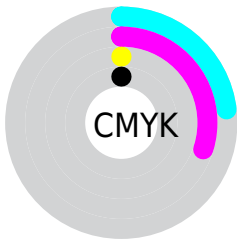
Distribution



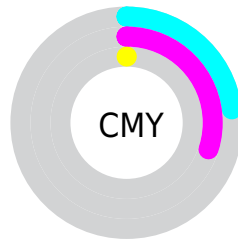
- Red (77%)
- Green (71%)
- Blue (100%)



- Red (77%)
- Yellow (71%)
- Blue (100%)



- Cyan (23%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)



- Cyan (23%)
- Magenta (30%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 41.391, 301.290 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 77, 41.391, 301.290 by changing the saturation by 10% instead.

 77, 41.391,
301.290

 77, 41.391,
301.290


 100, 41.391,
301.290


 67, 41.391,
301.290


 97, 41.391,
301.290

 57, 41.391,
301.290

 47, 41.391,
301.290

 37, 41.391,
301.290

 27, 41.391,
301.290

 17, 41.391,
301.290

 7, 41.391, 301.290

■ 0, 41.391, 301.290

■ 77, 41.391,
301.290

■ 77, 41.391,
301.290

■ 69, 55.972,
302.354

■ 85, 26.684,
300.426

■ 62, 71.263,
303.477

■ 93, 12.818,
299.634

■ 54, 86.683,
304.658

100, 0.012,
296.813

■ 48, 101.652,
305.808

■ 42, 115.094,
306.768

■ 37, 125.408,
307.322

■ 34, 131.424,
307.346

■ 34, 131.631,
307.347

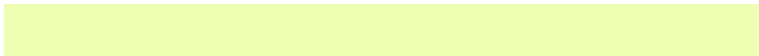
Harmonies

Complementary

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



77, 41.391, 301.290



97, 38.481, 117.017

Rectangle

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



77, 41.391, 301.290



77, 41.391, 351.290



77, 41.391, 121.290



77, 41.391, 171.290

Sweetspot

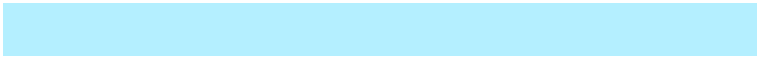
The Sweet Spot groups the original color and five complimentary colors.



77, 41.078, 301.332



93, 12.021, 299.591



91, 20.369, 223.086



49, 8.375, 299.698



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



77, 41.078, 301.332



72, 50.577, 301.975



80, 44.122, 317.539



49, 7.601, 299.628



25, 105.831, 307.471



4, 44.609, 306.062

Inverse Universe

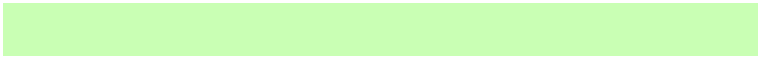
The Inverse Universe completely reimagines the original color for something new.



82, 40.500, 333.413



78, 49.106, 333.880



95, 43.213, 134.812



50, 7.741, 332.019



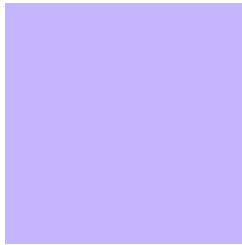
43, 78.198, 339.790



11, 36.699, 338.091

Previews

White Background



This preview shows how the CIELCh color 77, 41.391, 301.290 looks on a white background.

Color Contrast Check

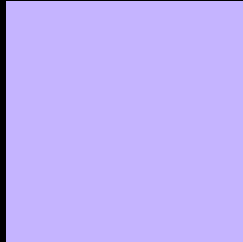
Large Text (above 18pt) WCAG AA × Fail

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 77, 41.391, 301.290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

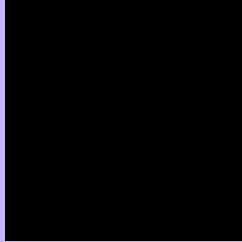
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 41.391, 301.290

Background



This preview shows how black text looks on a background with the CIELCh color 77, 41.391, 301.290.



This preview shows how white text looks on a background with the CIELCh color 77, 41.391, 301.290.

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

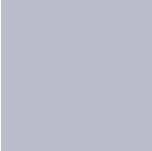
77, 40.825, 301.352

Protanopia

77, 36.167, 285.108

Deuteranopia

77, 35.580, 286.373



Tritanopia
77, 8.082, 285.871

Trichromacy



Original Color
77, 40.825, 301.352

Protanomaly
77, 37.613, 291.176

Deuteranomaly
77, 37.637, 292.598

Tritanomaly
77, 19.984, 295.918

Monochromacy



Original Color
77, 40.825, 301.352

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 15.224, 299.466

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 41.391, 301.290 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(197, 180, 255)` looks like.

```
.text, #text, p{  
    color:rgb(197, 180, 255)  
}
```

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(197, 180, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 180, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 41.391, 301.290 is called "border". The border property can be set on classes, ids or directly on the HTML element.

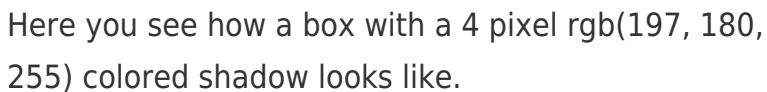
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 180, 255) }
```

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

```
.border{ border-color:rgb(197, 180, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 180, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 180, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 180, 255);  
box-shadow:4px 4px 4px 4px rgb(197, 180,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 41.391, 301.290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 180, 255) }
```

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

```
.background{ background-color: rgb(197,  
180, 255) }
```

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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