

Converting Colors

CIELCh(77, 32.372, 295.386)

Have a look what the booklet for
CIELCh(77, 32.372, 295.386)
contains.

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Color

CIELCh(77, 32.340, 295.374)

Conversions

Conversions Part 1

Format	Color
Hex	BCB8F4
RGB	188, 184, 244
RGB Percent	74%, 72%, 96%
CMY	0.2625, 0.2782, 0.0429
CMYK	0.23, 0.25, 0.00, 0.04
HSL	244°, 73%, 84%
HSV	244°, 25%, 96%
XYZ	54.2369, 51.5317, 92.7138
YIQ	192.0360, -16.8760, 19.5080

Conversions

Conversions Part 2

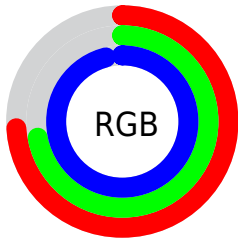
Format	Color
R _Y B	188, 184, 244
Decimal	12368116
CIE Lab	77.00, 13.86, -29.22
CIE LCh	77, 32.340, 295.374
Yxy	51.5317, 0.2733, 0.2596
Android (android.graphics.Color)	4290558196 (0xFFBCB8F4)
YUV	192.0360, 25.6183, -3.5396
Hunter-Lab	71.7856, 9.2391, -26.3253

Details

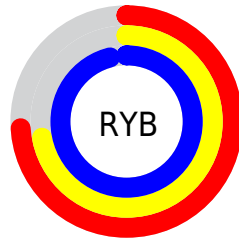
The CIELCh color `77, 32.340, 295.374` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `95, 30.511, 110.660`, and the grayscale version is `78, 0.009, 296.813`.

A 20% lighter version of the original color is `96, 7.924, 303.365`, and `57, 32.611, 295.602` is the 20% darker color. If you saturate the color by 10%, you get `69, 46.459, 296.735`, and if you desaturate by 10%, it is `85, 18.794, 294.206`.

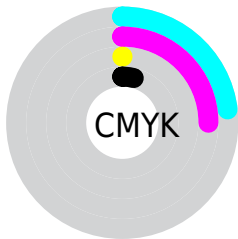
Distribution



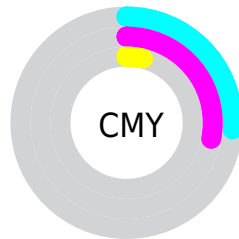
- Red (74%)
- Green (72%)
- Blue (96%)



- Red (74%)
- Yellow (72%)
- Blue (96%)



- Cyan (23%)
- Magenta (25%)
- Yellow (0%)
- Black (4%)




- Cyan (26%)
- Magenta (28%)
- Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 32.340, 295.374 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, 32.340, 295.374 by changing the saturation by 10% instead.


 77, 32.340,
295.374


 77, 32.340,
295.374


 100, 32.340,
295.374


 67, 32.340,
295.374


 97, 32.340,
295.374

 57, 32.340,
295.374

 47, 32.340,
295.374

 37, 32.340,
295.374

 27, 32.340,
295.374

 17, 32.340,
295.374

 7, 32.340, 295.374

0, 32.340, 295.374

77, 32.340,
295.374

77, 32.340,
295.374

69, 46.459,
296.735

85, 18.794,
294.206

61, 61.150,
298.302

93, 5.797, 293.215

54, 76.310,
300.058

100, 5.542,
109.750

47, 91.601,
301.931

40, 106.204,
303.760

35, 118.554,
305.275

■ 32, 126.593,
306.171

■ 31, 129.125,
306.436

Harmonies

Complementary

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



77, 32.340, 295.374



95, 30.511, 110.660

Rectangle

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



77, 32.340, 295.374



77, 32.340, 345.374



77, 32.340, 115.374



77, 32.340, 165.374

Sweetspot

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



77, 32.338, 295.373



94, 9.210, 293.440



91, 18.437, 204.755



50, 5.991, 293.497



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, 32.338, 295.373



76, 41.364, 296.095



79, 34.192, 312.469



47, 7.268, 293.679



22, 105.293, 306.484



3, 40.097, 301.308

Inverse Universe

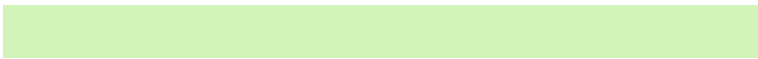
The Inverse Universe completely reimagines the original color for something new.



82, 36.269, 327.685



82, 45.791, 328.000



93, 33.219, 130.252



48, 8.369, 326.803



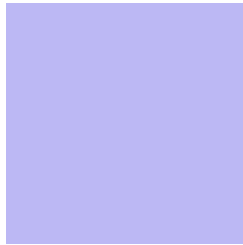
44, 86.577, 331.078



11, 38.761, 330.677

Previews

White Background



This preview shows how the CIELCh color 77, 32.340, 295.374 looks on a white background.

Color Contrast Check

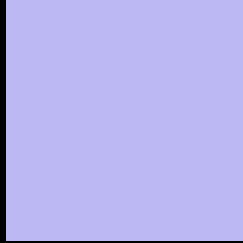
Large Text (above 18pt) WCAG AA × Fail

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, 32.340, 295.374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

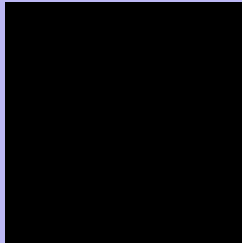
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 32.340, 295.374

Background



This preview shows how black text looks on a background with the CIELCh color 77, 32.340, 295.374.

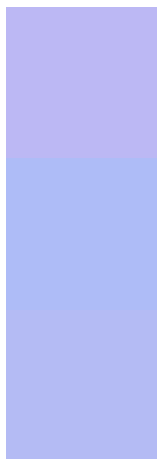


This preview shows how white text looks on a background with the CIELCh color 77, 32.340, 295.374.

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, 32.340, 295.374

Protanopia

77, 31.854, 285.078

Deuteranopia

77, 30.646, 288.744



Tritanopia
77, 8.719, 267.104

Trichromacy



Original Color
77, 32.340, 295.374

Protanomaly
77, 31.728, 288.431

Deuteranomaly
77, 31.168, 291.212

Tritanomaly
77, 17.229, 287.203

Monochromacy



Original Color
77, 32.340, 295.374

Achromatopsia
78, 0.009, 296.813

Achromatomaly
77, 11.851, 294.672

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 32.340, 295.374 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(188, 184, 244)` looks like.

```
.text, #text, p{  
    color:rgb(188, 184, 244)  
}
```

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(188, 184, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 184, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 32.340, 295.374 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(188, 184, 244) }
```

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

```
.border{ border-color:rgb(188, 184, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 184, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 184, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 184, 244);  
box-shadow:4px 4px 4px 4px rgb(188, 184,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 32.340, 295.374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 184, 244) }
```

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

```
.background{ background-color: rgb(188,  
184, 244) }
```

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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