

Converting Colors

CIELCh(77, 32.940, 285.485)

Have a look what the booklet for
CIELCh(77, 32.940, 285.485)
contains.

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Color

CIELCh(77, 32.909, 285.465)

Conversions

Conversions Part 1

Format	Color
Hex	AEBCF9
RGB	174, 188, 249
RGB Percent	68%, 74%, 98%
CMY	0.3194, 0.2645, 0.0254
CMYK	0.30, 0.25, 0.00, 0.03
HSL	229°, 85%, 83%
HSV	229°, 30%, 97%
XYZ	52.2669, 51.5317, 96.4265
YIQ	190.7680, -27.9250, 16.0030

Conversions

Conversions Part 2

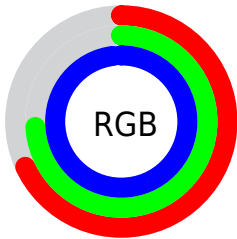
Format	Color
R_{YB}	174, 186, 249
Decimal	11451641
CIE Lab	77.00, 8.78, -31.72
CIE LCh	77, 32.909, 285.465
Yxy	51.5317, 0.2610, 0.2574
Android (android.graphics.Color)	4289641721 (0xFFAEBCF9)
YUV	190.7680, 28.7084, -14.7055
Hunter-Lab	71.7856, 4.3405, -29.3918

Details

The CIELCh color **77, 32.909, 285.465** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **93, 31.651, 97.667**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 7.104, 252.024**, and **57, 32.663, 285.533** is the 20% darker color. If you saturate the color by 10%, you get **70, 44.550, 287.391**, and if you desaturate by 10%, it is **84, 21.654, 283.819**.

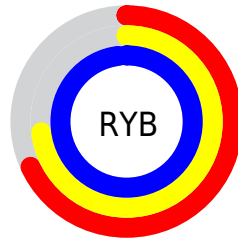
Distribution



Red (68%)

Green (74%)

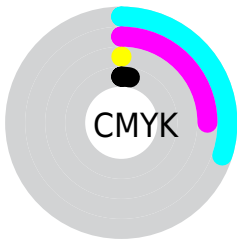
Blue (98%)



Red (68%)

Yellow (73%)

Blue (98%)

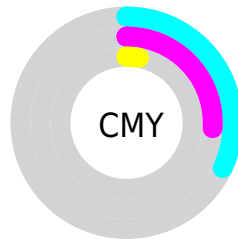


Cyan (30%)

Magenta (25%)

Yellow (0%)

Black (3%)



Cyan (32%)

Magenta (26%)

Yellow (3%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 32.909, 285.465 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, 32.909, 285.465 by changing the saturation by 10% instead.

 77, 32.909,
285.465

 77, 32.909,
285.465

 100, 32.909,
285.465


 67, 32.909,
285.465

 97, 32.909,
285.465

 57, 32.909,
285.465

 47, 32.909,
285.465

 37, 32.909,
285.465

 27, 32.909,
285.465

 17, 32.909,
285.465

 7, 32.909, 285.465

0, 32.909, 285.465

77, 32.909,
285.465

77, 32.909,
285.465

70, 44.550,
287.391

84, 21.654,
283.819

63, 56.618,
289.628

91, 10.757,
282.421

57, 69.127,
292.181

98, 0.187, 282.146

50, 82.015,
295.006

100, 3.272,
109.910

45, 95.020,
297.975

39, 107.487,
300.862

■ 36,118.129,
303.299

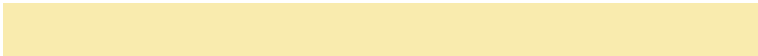
Harmonies

Complementary

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



77, 32.909, 285.465



93, 31.651, 97.667

Rectangle

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



77, 32.909, 285.465



77, 32.909, 335.465



77, 32.909, 105.465



77, 32.909, 155.465

Sweetspot

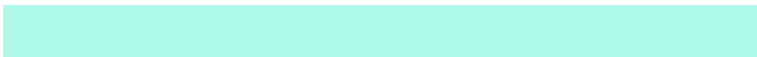
The Sweet Spot groups the original color and five complimentary colors.



77, 32.908, 285.464



94, 9.705, 282.274



93, 26.133, 180.419



49, 6.758, 282.459



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, 32.908, 285.464



75, 40.485, 286.561



75, 41.319, 303.878



48, 6.034, 282.335



26, 94.751, 302.893



5, 36.457, 297.202

Inverse Universe

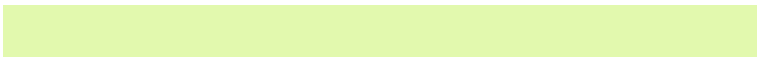
The Inverse Universe completely reimagines the original color for something new.



78, 29.595, 7.653



77, 36.495, 8.580



95, 38.865, 120.034



49, 5.316, 5.085



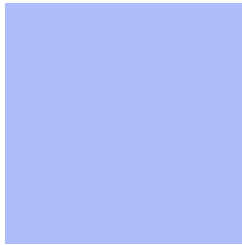
39, 74.811, 30.512



9, 31.056, 18.398

Previews

White Background



This preview shows how the CIELCh color 77, 32.909, 285.465 looks on a white background.

Color Contrast Check

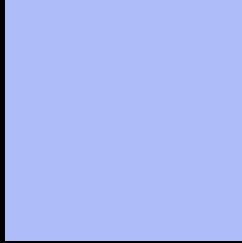
Large Text (above 18pt) WCAG AA × Fail

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, 32.909, 285.465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

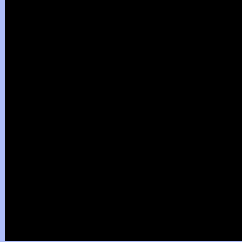
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 32.909, 285.465

Background



This preview shows how black text looks on a background with the CIELCh color 77, 32.909, 285.465.



This preview shows how white text looks on a background with the CIELCh color 77, 32.909, 285.465.

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, 32.909, 285.465

Protanopia

77, 32.942, 284.939

Deuteranopia

77, 33.385, 287.235



Tritanopia
77, 12.818, 237.925

Trichromacy



Original Color
77, 32.909, 285.465

Protanomaly
77, 32.942, 284.939

Deuteranomaly
77, 33.410, 286.711

Tritanomaly
77, 18.689, 266.578

Monochromacy



Original Color
77, 32.909, 285.465

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 11.917, 282.842

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 32.909, 285.465 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(174, 188, 249)` looks like.

```
.text, #text, p{  
    color:rgb(174, 188, 249)  
}
```

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(174, 188, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 188, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 32.909, 285.465 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(174, 188, 249) }
```

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

```
.border{ border-color:rgb(174, 188, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 188, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 188, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 188, 249);  
box-shadow:4px 4px 4px 4px rgb(174, 188,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 32.909, 285.465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 188, 249) }
```

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

```
.background{ background-color: rgb(174,  
188, 249) }
```

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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