

Converting Colors

CIELCh(77, 32.129, 338.310)

Have a look what the booklet for
CIELCh(77, 32.129, 338.310)
contains.

CIELCh(77, 32.184, 338.181)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(77, 32.184, 338.181)

Conversions

Conversions Part 1

Format	Color
Hex	EBABD5
RGB	235, 171, 213
RGB Percent	92%, 67%, 84%
CMY	0.0788, 0.3298, 0.1651
CMYK	0.00, 0.27, 0.09, 0.08
HSL	321°, 61%, 80%
HSV	321°, 27%, 92%
XYZ	60.7681, 51.5317, 69.6270
YIQ	194.9240, 24.6620, 26.6300

Conversions

Conversions Part 2

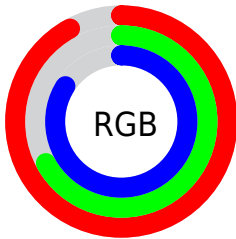
Format	Color
RYB	235, 171, 213
Decimal	15444949
CIELab	77.00, 29.88, -11.96
CIELCh	77, 32.184, 338.181
Yxy	51.5317, 0.3340, 0.2833
Android (android.graphics.Color)	4293635029 (0xFFEBABD5)
YUV	194.9240, 8.9115, 35.1467
Hunter-Lab	71.7856, 25.4793, -7.2572

Details

The CIELCh color **77, 32.184, 338.181** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **88, 31.740, 153.867**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **93, 17.506, 325.031**, and **57, 31.976, 338.213** is the 20% darker color. If you saturate the color by 10%, you get **72, 43.858, 339.070**, and if you desaturate by 10%, it is **83, 20.300, 337.361**.

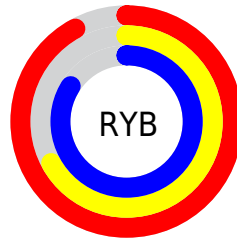
Distribution



Red (92%)

Green (67%)

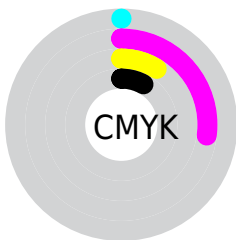
Blue (84%)



Red (92%)

Yellow (67%)

Blue (84%)

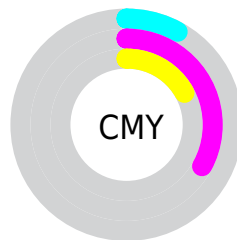


Cyan (0%)

Magenta (27%)

Yellow (9%)

Black (8%)



Cyan (8%)


Magenta (33%)


Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 32.184, 338.181 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, 32.184, 338.181 by changing the saturation by 10% instead.


 77, 32.184,
338.181


 77, 32.184,
338.181


 100, 32.184,
338.181


 67, 32.184,
338.181


 97, 32.184,
338.181

 57, 32.184,
338.181

 47, 32.184,
338.181

 37, 32.184,
338.181

 27, 32.184,
338.181

 17, 32.184,
338.181

 7, 32.184, 338.181

0, 32.184, 338.181

77, 32.184,
338.181

77, 32.184,
338.181

72, 43.858,
339.070

83, 20.300,
337.361

67, 54.966,
340.046

89, 8.462, 336.580

62, 65.019,
341.144

95, 3.175, 156.049

58, 73.436,
342.408

98, 8.657, 163.716

55, 79.639,
343.909

99, 6.977, 191.800

99, 6.886, 199.066

53, 83.223,
345.736

■ 52, 84.201,
347.985

■ 52, 84.248,
348.656

Harmonies

Complementary

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



77, 32.184, 338.181



88, 31.740, 153.867

Rectangle

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



77, 32.184, 338.181



77, 32.184, 28.181



77, 32.184, 158.181



77, 32.184, 208.181

Sweetspot

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



77, 32.181, 338.182



95, 9.998, 336.642



74, 35.585, 304.770



50, 7.115, 336.760



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, 32.181, 338.182



80, 41.630, 338.697



76, 25.262, 8.751



46, 6.644, 336.754



40, 69.545, 348.197



8, 30.702, 344.378

Inverse Universe

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



77, 32.181, 338.182



80, 41.630, 338.697



89, 22.292, 183.409



46, 6.644, 336.754



40, 69.545, 348.197



8, 30.702, 344.378

Previews

White Background



This preview shows how the CIELCh color 77, 32.184, 338.181 looks on a white background.

Color Contrast Check

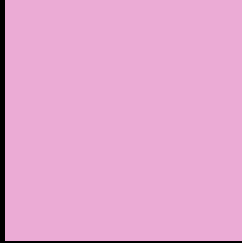
Large Text (above 18pt) WCAG AA × Fail

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, 32.184, 338.181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

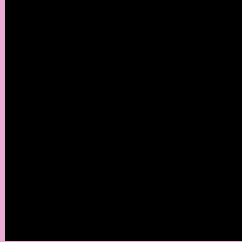
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 32.184, 338.181

Background



This preview shows how black text looks on a background with the CIELCh color 77, 32.184, 338.181.



This preview shows how white text looks on a background with the CIELCh color 77, 32.184, 338.181.

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





Tritanopia
77, 22.863, 2.469

Trichromacy



Original Color
77, 32.184, 338.181

Protanomaly
77, 22.221, 310.320

Deuteranomaly
77, 20.523, 326.972

Tritanomaly
77, 25.411, 351.526

Monochromacy



Original Color
77, 32.184, 338.181

Achromatopsia
79, 0.010, 296.813

Achromatomaly
78, 12.326, 336.447

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 32.184, 338.181 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(235, 171, 213)` looks like.

```
.text, #text, p{  
    color:rgb(235, 171, 213)  
}
```

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(235, 171, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 171, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 32.184, 338.181 is called "border". The border property can be set on classes, ids or directly on the HTML element.

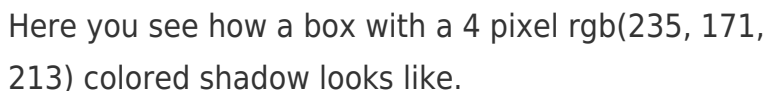
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(235, 171, 213) }
```

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

```
.border{ border-color:rgb(235, 171, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(235, 171, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 171, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 171, 213); box-shadow:4px 4px 4px 4px rgb(235, 171, 213) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 32.184, 338.181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 171, 213) }
```

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

```
.background{ background-color: rgb(235,  
171, 213) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor