

Converting Colors

CIELCh(77, 30.410, 342.379)

Have a look what the booklet for
CIELCh(77, 30.410, 342.379)
contains.

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Color

CIELCh(77, 30.549, 341.952)

Conversions

Conversions Part 1

Format	Color
Hex	EBABD0
RGB	235, 171, 208
RGB Percent	92%, 67%, 82%
CMY	0.0771, 0.3282, 0.1831
CMYK	0.00, 0.27, 0.11, 0.08
HSL	325°, 62%, 80%
HSV	325°, 27%, 92%
XYZ	60.4164, 51.5317, 66.6430
YIQ	194.3540, 26.2670, 25.0750

Conversions

Conversions Part 2

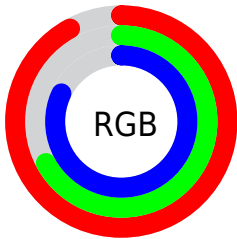
Format	Color
R _Y B	235, 171, 208
Decimal	15444944
CIE Lab	77.00, 29.05, -9.46
CIE LCh	77, 30.549, 341.952
Yxy	51.5317, 0.3383, 0.2885
Android (android.graphics.Color)	4293635024 (0xFFEBABD0)
YUV	194.3540, 6.7275, 35.6465
Hunter-Lab	71.7856, 24.6048, -4.7926

Details

The CIELCh color $77, 30.549, 341.952$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $88, 29.872, 157.303$, 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 $57, 30.601, 341.417$ is the 20% darker color. If you saturate the color by 10%, you get $72, 41.726, 342.971$, and if you desaturate by 10%, it is $83, 19.218, 341.035$.

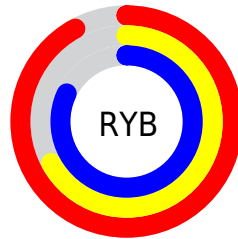
Distribution



Red (92%)

Green (67%)

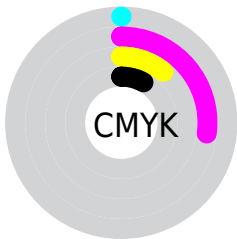
Blue (82%)



Red (92%)

Yellow (67%)

Blue (82%)

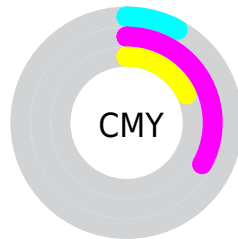


Cyan (0%)

Magenta (27%)

Yellow (11%)

Black (8%)



Cyan (8%)


Magenta (33%)


Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 30.549, 341.952 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, 30.549, 341.952 by changing the saturation by 10% instead.


 77, 30.549,
341.952


 77, 30.549,
341.952


 100, 30.549,
341.952


 67, 30.549,
341.952


 97, 30.549,
341.952

 57, 30.549,
341.952

 47, 30.549,
341.952

 37, 30.549,
341.952

 27, 30.549,
341.952

 17, 30.549,
341.952

 7, 30.549, 341.952

■ 0, 30.549, 341.952

■ 77, 30.549,
341.952

■ 77, 30.549,
341.952

■ 72, 41.726,
342.971

■ 83, 19.218,
341.035

■ 66, 52.412,
344.122

■ 89, 7.973, 340.175

■ 62, 62.136,
345.457

■ 95, 3.047, 159.609

■ 58, 70.328,
347.046

■ 98, 7.735, 171.701

■ 55, 76.422,
348.992

■ 99, 6.740, 199.077

■ 53, 80.023,
351.423

■ 52, 81.173,
354.467

■ 51, 81.295,
355.391

Harmonies

Complementary

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



77, 30.549, 341.952



88, 29.872, 157.303

Rectangle

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



77, 30.549, 341.952



77, 30.549, 31.952



77, 30.549, 161.952



77, 30.549, 211.952

Sweetspot

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



77, 30.546, 341.953



95, 9.459, 340.247



74, 35.957, 307.592



50, 6.733, 340.376



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, 30.546, 341.953



79, 39.557, 342.544



76, 25.080, 15.169



46, 6.287, 340.369



39, 66.979, 354.760



8, 29.509, 349.524

Inverse Universe

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



77, 30.546, 341.953



79, 39.557, 342.544



89, 21.470, 190.507



46, 6.287, 340.369



39, 66.979, 354.760



8, 29.509, 349.524

Previews

White Background



This preview shows how the CIELCh color 77, 30.549, 341.952 looks on a white background.

Color Contrast Check

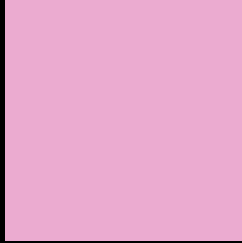
Large Text (above 18pt) WCAG AA × Fail

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, 30.549, 341.952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

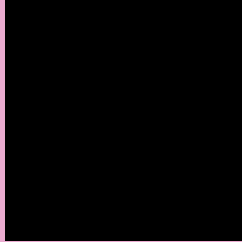
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 30.549, 341.952

Background



This preview shows how black text looks on a background with the CIELCh color 77, 30.549, 341.952.



This preview shows how white text looks on a background with the CIELCh color 77, 30.549, 341.952.

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, 30.549, 341.952

Protanopia

77, 16.678, 286.989

Deuteranopia

77, 12.909, 319.531



Tritanopia
77, 23.109, 4.097

Trichromacy



Original Color
77, 30.549, 341.952

Protanomaly
77, 19.194, 313.328

Deuteranomaly
77, 19.097, 331.722

Tritanomaly
77, 25.100, 355.268

Monochromacy



Original Color
77, 30.549, 341.952

Achromatopsia
79, 0.010, 296.813

Achromatomaly
78, 11.624, 340.271

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 30.549, 341.952 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, 208)` looks like.

```
.text, #text, p{  
    color:rgb(235, 171, 208)  
}
```

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, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 171, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 30.549, 341.952 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, 208) }
```

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

```
.border{ border-color:rgb(235, 171, 208) }
```

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, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 171, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 171, 208);  
box-shadow:4px 4px 4px 4px rgb(235, 171,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 30.549, 341.952 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, 208) }
```

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

```
.background{ background-color: rgb(235,  
171, 208) }
```

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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