

Converting Colors

CIELCh(77, 30.216, 346.316)

Have a look what the booklet for
CIELCh(77, 30.216, 346.316)
contains.

CIELCh(77, 30.243, 346.686)	3
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Color

CIELCh(77, 30.243, 346.686)

Conversions

Conversions Part 1

Format	Color
Hex	EEABCC
RGB	238, 171, 204
RGB Percent	93%, 67%, 80%
CMY	0.0676, 0.3302, 0.2009
CMYK	0.00, 0.28, 0.14, 0.07
HSL	330°, 66%, 80%
HSV	330°, 28%, 93%
XYZ	60.5785, 51.5317, 63.7428
YIQ	194.7950, 29.3390, 24.4670

Conversions

Conversions Part 2

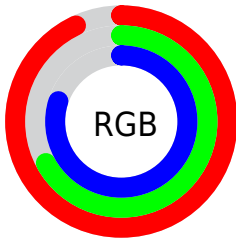
Format	Color
R _Y B	238, 171, 204
Decimal	15641548
CIE Lab	77.00, 29.43, -6.96
CIE LCh	77, 30.243, 346.686
Yxy	51.5317, 0.3445, 0.2930
Android (android.graphics.Color)	4293831628 (0xFFEEABCC)
YUV	194.7950, 4.5381, 37.8908
Hunter-Lab	71.7856, 25.0080, -2.3973

Details

The CIELCh color $77, 30.243, 346.686$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $89, 29.159, 161.436$, 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 $57, 30.249, 346.494$ is the 20% darker color. If you saturate the color by 10%, you get $71, 41.015, 347.875$, and if you desaturate by 10%, it is $83, 19.364, 345.642$.

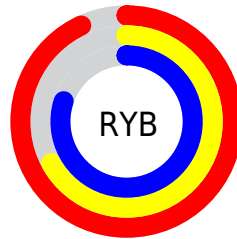
Distribution



Red (93%)

Green (67%)

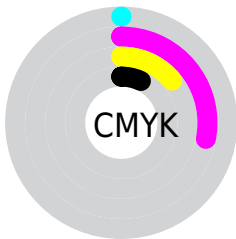
Blue (80%)



Red (93%)

Yellow (67%)

Blue (80%)

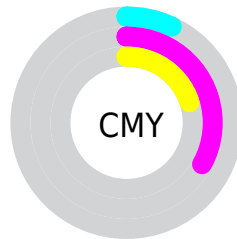


Cyan (0%)

Magenta (28%)

Yellow (14%)

Black (7%)



Cyan (7%)

Magenta (33%)

Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 30.243, 346.686 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, 30.243, 346.686 by changing the saturation by 10% instead.


 77, 30.243,
346.686

 77, 30.243,
346.686


 100, 30.243,
346.686

 67, 30.243,
346.686


 97, 30.243,
346.686

 57, 30.243,
346.686

 47, 30.243,
346.686

 37, 30.243,
346.686

 27, 30.243,
346.686

 17, 30.243,
346.686

 7, 30.243, 346.686

■ 0, 30.243, 346.686

■ 77, 30.243,
346.686

■ 77, 30.243,
346.686

■ 71, 41.015,
347.875

■ 83, 19.364,
345.642

■ 66, 51.353,
349.257

■ 89, 8.609, 344.689

■ 62, 60.790,
350.908

■ 95, 1.891, 164.156

■ 99, 6.157, 184.966

■ 58, 68.775,
352.931

■ 99, 5.917, 199.143

■ 55, 74.768,
355.468

■ 53, 78.444,
358.686

■ 51, 79.995, 2.706

■ 51, 80.211, 3.486

Harmonies

Complementary

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



77, 30.243, 346.686



89, 29.159, 161.436

Rectangle

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



77, 30.243, 346.686



77, 30.243, 36.686



77, 30.243, 166.686



77, 30.243, 216.686

Sweetspot

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



77, 30.240, 346.688



95, 8.920, 344.676



75, 38.069, 310.440



50, 6.351, 344.817



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, 30.240, 346.688



79, 38.686, 347.375



76, 26.457, 21.713



47, 6.036, 344.812



39, 66.146, 2.689



8, 29.377, 356.139

Inverse Universe

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



77, 30.240, 346.688



79, 38.686, 347.375



90, 21.822, 197.999



47, 6.036, 344.812



39, 66.146, 2.689



8, 29.377, 356.139

Previews

White Background



This preview shows how the CIELCh color 77, 30.243, 346.686 looks on a white background.

Color Contrast Check

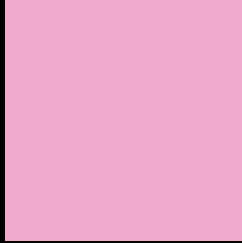
Large Text (above 18pt) WCAG AA × Fail

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, 30.243, 346.686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

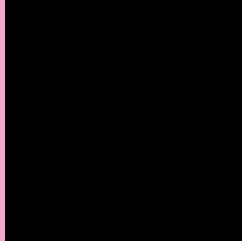
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 30.243, 346.686

Background



This preview shows how black text looks on a background with the CIELCh color 77, 30.243, 346.686.



This preview shows how white text looks on a background with the CIELCh color 77, 30.243, 346.686.

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, 30.243, 346.686

Protanopia
77, 13.986, 287.192

Deuteranopia
77, 11.098, 329.631



Tritanopia
77, 24.621, 5.365

Trichromacy



Original Color
77, 30.243, 346.686



Protanomaly
77, 17.719, 319.198



Deuteranomaly
77, 17.758, 339.378

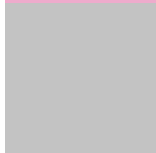


Tritanomaly
77, 26.319, 358.014

Monochromacy



Original Color
77, 30.243, 346.686



Achromatopsia
79, 0.010, 296.813



Achromatomaly
78, 11.287, 345.725

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 30.243, 346.686 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(238, 171, 204)` looks like.

```
.text, #text, p{  
    color:rgb(238, 171, 204)  
}
```

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(238, 171, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 171, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 30.243, 346.686 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(238, 171, 204) }
```

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

```
.border{ border-color:rgb(238, 171, 204) }
```

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

Here you see how a box with a 4 pixel rgb(238, 171, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 171, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 171, 204);  
box-shadow:4px 4px 4px 4px rgb(238, 171,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 30.243, 346.686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 171, 204) }
```

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

```
.background{ background-color: rgb(238,  
171, 204) }
```

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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