

Converting Colors

CIELCh(77, 31.532, 341.786)

Have a look what the booklet for
CIELCh(77, 31.532, 341.786)
contains.

CIELCh(77, 31.409, 342.134)	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, 31.409, 342.134)

Conversions

Conversions Part 1

Format	Color
Hex	EDABD1
RGB	237, 171, 209
RGB Percent	93%, 67%, 82%
CMY	0.0720, 0.3307, 0.1817
CMYK	0.00, 0.28, 0.12, 0.07
HSL	325°, 64%, 80%
HSV	325°, 28%, 93%
XYZ	60.7748, 51.5317, 66.8452
YIQ	195.0660, 27.1380, 25.8100

Conversions

Conversions Part 2

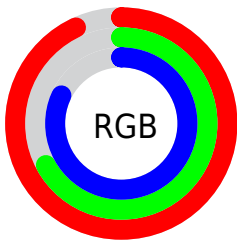
Format	Color
RYB	237, 171, 209
Decimal	15576017
CIELab	77.00, 29.89, -9.64
CIELCh	77, 31.409, 342.134
Yxy	51.5317, 0.3392, 0.2876
Android (android.graphics.Color)	4293766097 (0xFFEDABD1)
YUV	195.0660, 6.8695, 36.7761
Hunter-Lab	71.7856, 25.4960, -4.9596

Details

The CIELCh color **77, 31.409, 342.134** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **88, 30.689, 157.337**, 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, 31.483, 341.655** is the 20% darker color. If you saturate the color by 10%, you get **72, 42.602, 343.165**, and if you desaturate by 10%, it is **83, 20.044, 341.207**.

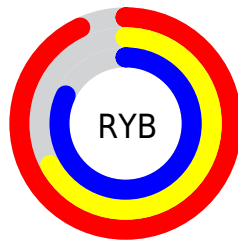
Distribution



Red (93%)

Green (67%)

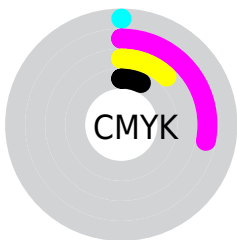
Blue (82%)



Red (93%)

Yellow (67%)

Blue (82%)

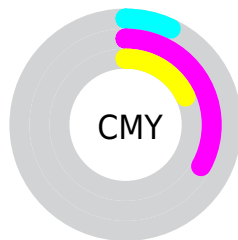


Cyan (0%)

Magenta (28%)

Yellow (12%)

Black (7%)



Cyan (7%)


Magenta (33%)


Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 31.409, 342.134 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, 31.409, 342.134 by changing the saturation by 10% instead.


 77, 31.409,
342.134


 77, 31.409,
342.134


 100, 31.409,
342.134


 67, 31.409,
342.134


 97, 31.409,
342.134

 57, 31.409,
342.134

 47, 31.409,
342.134

 37, 31.409,
342.134

 27, 31.409,
342.134

 17, 31.409,
342.134

 7, 31.409, 342.134

0, 31.409, 342.134

77, 31.409,
342.134

77, 31.409,
342.134

72, 42.602,
343.165

83, 20.044,
341.207

66, 53.275,
344.333

89, 8.753, 340.344

62, 62.946,
345.691

95, 2.317, 159.813

99, 7.142, 172.871

58, 71.042,
347.312

99, 6.296, 199.112

55, 76.997,
349.302

53, 80.437,
351.791

■ 52, 81.469,
354.901

■ 52, 81.566,
355.608

Harmonies

Complementary

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



77, 31.409, 342.134



88, 30.689, 157.337

Rectangle

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



77, 31.409, 342.134



77, 31.409, 32.134



77, 31.409, 162.134



77, 31.409, 212.134

Sweetspot

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



77, 31.406, 342.135



95, 9.444, 340.357



74, 37.055, 307.634



50, 6.722, 340.487



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, 31.406, 342.135



79, 39.501, 342.662



76, 25.876, 15.260



46, 6.277, 340.480



39, 66.921, 354.960



8, 29.479, 349.682

Inverse Universe

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



77, 31.406, 342.135



79, 39.501, 342.662



89, 22.056, 190.455



46, 6.277, 340.480



39, 66.921, 354.960



8, 29.479, 349.682

Previews

White Background



This preview shows how the CIELCh color 77, 31.409, 342.134 looks on a white background.

Color Contrast Check

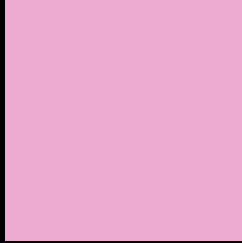
Large Text (above 18pt) WCAG AA × Fail

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, 31.409, 342.134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

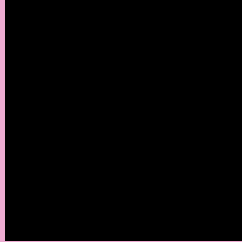
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 31.409, 342.134

Background



This preview shows how black text looks on a background with the CIELCh color 77, 31.409, 342.134.



This preview shows how white text looks on a background with the CIELCh color 77, 31.409, 342.134.

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, 31.409, 342.134

Protanopia
77, 16.678, 286.989

Deuteranopia
77, 12.909, 319.531



Tritanopia
77, 23.988, 3.517

Trichromacy



Original Color
77, 31.409, 342.134

Protanomaly
77, 19.971, 314.690

Deuteranomaly
77, 19.333, 332.583

Tritanomaly
77, 26.202, 353.968

Monochromacy



Original Color
77, 31.409, 342.134

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, 31.409, 342.134 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(237, 171, 209)` looks like.

```
.text, #text, p{  
    color:rgb(237, 171, 209)  
}
```

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(237, 171, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 171, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 31.409, 342.134 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(237, 171, 209) }
```

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

```
.border{ border-color:rgb(237, 171, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 171, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 171, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 171, 209);  
box-shadow:4px 4px 4px 4px rgb(237, 171,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 31.409, 342.134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 171, 209) }
```

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

```
.background{ background-color: rgb(237,  
171, 209) }
```

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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