

Converting Colors

CIELCh(77, 32.151, 342.839)

Have a look what the booklet for
CIELCh(77, 32.151, 342.839)
contains.

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Color

CIELCh(77, 31.989, 343.086)

Conversions

Conversions Part 1

Format	Color
Hex	EEAAD0
RGB	238, 170, 208
RGB Percent	93%, 67%, 82%
CMY	0.0663, 0.3330, 0.1840
CMYK	0.00, 0.29, 0.13, 0.07
HSL	326°, 67%, 80%
HSV	326°, 29%, 93%
XYZ	61.0762, 51.5317, 66.4575
YIQ	194.6640, 28.3300, 26.2340

Conversions

Conversions Part 2

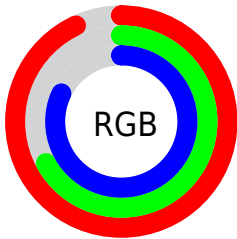
Format	Color
R _Y B	238, 170, 208
Decimal	15641296
CIE Lab	77.00, 30.61, -9.31
CIE LCh	77, 31.989, 343.086
Yxy	51.5317, 0.3411, 0.2878
Android (android.graphics.Color)	4293831376 (0xFFEEAAD0)
YUV	194.6640, 6.5746, 38.0057
Hunter-Lab	71.7856, 26.2455, -4.6394

Details

The CIELCh color **77, 31.989, 343.086** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **89, 31.166, 158.067**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **93, 18.134, 325.054**, and **57, 32.073, 342.709** is the 20% darker color. If you saturate the color by 10%, you get **71, 43.113, 344.157**, and if you desaturate by 10%, it is **83, 20.685, 342.130**.

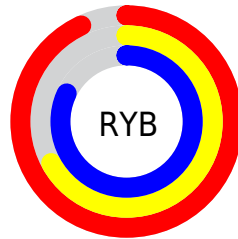
Distribution



Red (93%)

Green (67%)

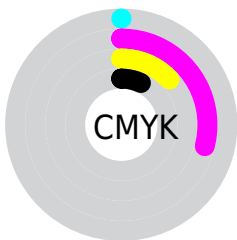
Blue (82%)



Red (93%)

Yellow (67%)

Blue (82%)

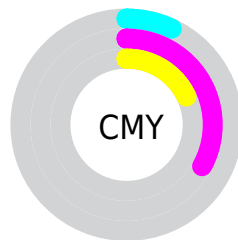


Cyan (0%)

Magenta (29%)

Yellow (13%)

Black (7%)



Cyan (7%)


Magenta (33%)

Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 31.989, 343.086 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, 31.989, 343.086 by changing the saturation by 10% instead.


 77, 31.989,
343.086

 77, 31.989,
343.086


 100, 31.989,
343.086


 67, 31.989,
343.086

 97, 31.989,
343.086

 57, 31.989,
343.086

 47, 31.989,
343.086

 37, 31.989,
343.086

 27, 31.989,
343.086

 17, 31.989,
343.086

 7, 31.989, 343.086

0, 31.989, 343.086

77, 31.989,
343.086

77, 31.989,
343.086

71, 43.113,
344.157

83, 20.685,
342.130

66, 53.705,
345.379

89, 9.453, 341.246

62, 63.274,
346.810

95, 1.559, 160.790

99, 6.400, 176.180

58, 71.246,
348.534

99, 5.809, 199.151

55, 77.061,
350.663

53, 80.373,
353.339

■ 52, 81.375,
356.673

■ 52, 81.457,
357.182

Harmonies

Complementary

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



77, 31.989, 343.086



89, 31.166, 158.067

Rectangle

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



77, 31.989, 343.086



77, 31.989, 33.086



77, 31.989, 163.086



77, 31.989, 213.086

Sweetspot

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



77, 31.986, 343.087



94, 10.511, 341.287



74, 38.275, 308.237



49, 7.315, 341.414



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, 31.986, 343.087



79, 40.257, 343.666



76, 26.708, 16.640



47, 6.314, 341.326



40, 67.198, 356.521



9, 30.091, 351.177

Inverse Universe

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



77, 31.986, 343.087



79, 40.257, 343.666



90, 22.520, 191.888



47, 6.314, 341.326



40, 67.198, 356.521



9, 30.091, 351.177

Previews

White Background



This preview shows how the CIELCh color 77, 31.989, 343.086 looks on a white background.

Color Contrast Check

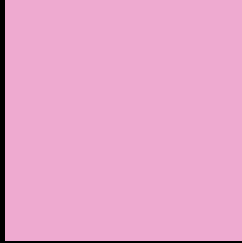
Large Text (above 18pt) WCAG AA × Fail

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, 31.989, 343.086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

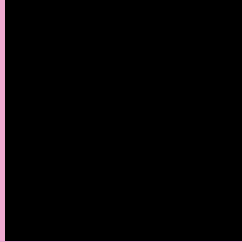
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 31.989, 343.086

Background



This preview shows how black text looks on a background with the CIELCh color 77, 31.989, 343.086.



This preview shows how white text looks on a background with the CIELCh color 77, 31.989, 343.086.

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, 24.621, 5.365

Trichromacy



Original Color
77, 31.989, 343.086



Protanomaly
77, 19.971, 314.690



Deuteranomaly
77, 18.947, 333.674



Tritanomaly
77, 26.678, 355.867

Monochromacy



Original Color
77, 31.989, 343.086



Achromatopsia
79, 0.010, 296.813



Achromatomaly
78, 11.909, 341.463

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 31.989, 343.086 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, 170, 208)` looks like.

```
.text, #text, p{  
    color:rgb(238, 170, 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(238, 170, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 170, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 31.989, 343.086 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, 170, 208) }
```

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

```
.border{ border-color:rgb(238, 170, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 170, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 170, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 170, 208);  
box-shadow:4px 4px 4px 4px rgb(238, 170,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 31.989, 343.086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 170, 208) }
```

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

```
.background{ background-color: rgb(238,  
170, 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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