

Converting Colors

CIELCh(77, 28.989, 350.177)

Have a look what the booklet for
CIELCh(77, 28.989, 350.177)
contains.

CIELCh(77, 29.221, 350.241)	3
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Color

CIELCh(77, 29.221, 350.241)

Conversions

Conversions Part 1

Format	Color
Hex	EEABC8
RGB	238, 171, 200
RGB Percent	93%, 67%, 78%
CMY	0.0663, 0.3290, 0.2153
CMYK	0.00, 0.28, 0.16, 0.07
HSL	334°, 66%, 80%
HSV	334°, 28%, 93%
XYZ	60.3120, 51.5317, 61.4713
YIQ	194.3390, 30.6230, 23.2230

Conversions

Conversions Part 2

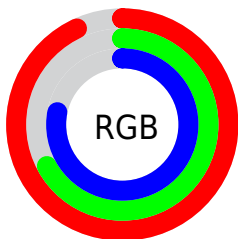
Format	Color
R_{YB}	238, 171, 200
Decimal	15641544
CIE _{Lab}	77.00, 28.80, -4.95
CIE _{LCh}	77, 29.221, 350.241
Yxy	51.5317, 0.3480, 0.2973
Android (android.graphics.Color)	4293831624 (0xFFEEABC8)
YUV	194.3390, 2.7909, 38.2907
Hunter-Lab	71.7856, 24.3453, -0.5211

Details

The CIELCh color **77, 29.221, 350.241** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **89, 27.839, 164.739**, 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, 29.190, 350.279** is the 20% darker color. If you saturate the color by 10%, you get **71, 39.747, 351.540**, and if you desaturate by 10%, it is **83, 18.653, 349.117**.

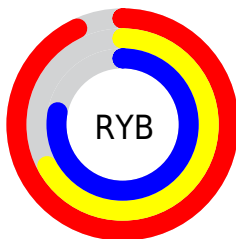
Distribution



Red (93%)

Green (67%)

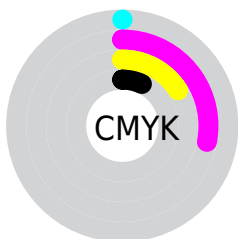
Blue (78%)



Red (93%)

Yellow (67%)

Blue (78%)

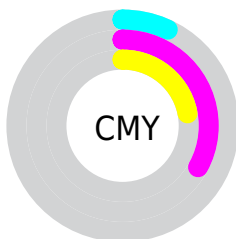


Cyan (0%)

Magenta (28%)

Yellow (16%)

Black (7%)



Cyan (7%)


Magenta (33%)


Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 29.221, 350.241 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, 29.221, 350.241 by changing the saturation by 10% instead.


 77, 29.221,
350.241


 77, 29.221,
350.241


 100, 29.221,
350.241


 67, 29.221,
350.241


 97, 29.221,
350.241

 57, 29.221,
350.241

 47, 29.221,
350.241

 37, 29.221,
350.241

 27, 29.221,
350.241

 17, 29.221,
350.241

 7, 29.221, 350.241

0, 29.221, 350.241

77, 29.221,
350.241

77, 29.221,
350.241

71, 39.747,
351.540

83, 18.653,
349.117

66, 49.922,
353.073

89, 8.258, 348.102

61, 59.303,
354.931

95, 1.848, 167.551

99, 5.839, 194.745

57, 67.360,
357.239

99, 5.805, 199.152

54, 73.582, 0.157

52, 77.683, 3.868

51, 79.896, 8.470

■ 51, 80.262, 9.369

Harmonies

Complementary

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



77, 29.221, 350.241



89, 27.839, 164.739

Rectangle

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



77, 29.221, 350.241



77, 29.221, 40.241



77, 29.221, 170.241



77, 29.221, 220.241

Sweetspot

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



77, 29.218, 350.243



95, 8.579, 348.091



75, 38.501, 312.640



50, 6.110, 348.242



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, 29.218, 350.243



78, 37.436, 350.995



77, 24.898, 26.893



47, 5.807, 348.236



39, 66.003, 8.458



8, 28.967, 0.884

Inverse Universe

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



77, 29.218, 350.243



78, 37.436, 350.995



89, 20.414, 204.704



47, 5.807, 348.236



39, 66.003, 8.458



8, 28.967, 0.884

Previews

White Background



This preview shows how the CIELCh color 77, 29.221, 350.241 looks on a white background.

Color Contrast Check

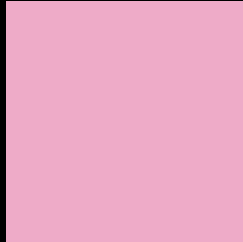
Large Text (above 18pt) WCAG AA × Fail

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, 29.221, 350.241 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, 29.221, 350.241

Background



This preview shows how black text looks on a background with the CIELCh color 77, 29.221, 350.241.



This preview shows how white text looks on a background with the CIELCh color 77, 29.221, 350.241.

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, 25.494, 4.789

Trichromacy



Original Color
77, 29.221, 350.241

Protanomaly
77, 16.067, 323.983

Deuteranomaly
77, 17.381, 345.146

Tritanomaly
77, 26.694, 358.407

Monochromacy



Original Color
77, 29.221, 350.241

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 10.415, 349.394

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 29.221, 350.241 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, 200)` looks like.

```
.text, #text, p{  
    color:rgb(238, 171, 200)  
}
```

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, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 171, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 29.221, 350.241 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, 200) }
```

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

```
.border{ border-color:rgb(238, 171, 200) }
```

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, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 171, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 171, 200);  
box-shadow:4px 4px 4px 4px rgb(238, 171,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 29.221, 350.241 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, 200) }
```

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

```
.background{ background-color: rgb(238,  
171, 200) }
```

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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