

Converting Colors

CIELCh(91, 46.393, 351.961)

Have a look what the booklet for
CIELCh(91, 46.393, 351.961)
contains.

CIELCh(86, 32.184, 332.130)	3
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Color

CIELCh(86, 32.184, 332.130)

Conversions

Conversions Part 1

Format	Color
Hex	FFC5F4
RGB	255, 197, 244
RGB Percent	100%, 77%, 96%
CMY	0.0000, 0.2271, 0.0427
CMYK	0.00, 0.23, 0.04, 0.00
HSL	311°, 100%, 89%
HSV	311°, 23%, 100%
XYZ	77.9941, 67.9871, 94.6969
YIQ	219.7000, 19.4810, 26.9130

Conversions

Conversions Part 2

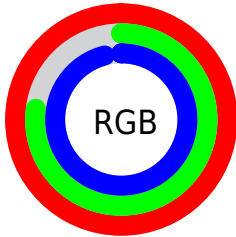
Format	Color
RYB	255, 197, 244
Decimal	16762356
CIELab	86.00, 28.45, -15.04
CIELCh	86, 32.184, 332.130
Yxy	67.9871, 0.3241, 0.2825
Android (android.graphics.Color)	4294952436 (0xFFFFC5F4)
YUV	219.7000, 11.9799, 30.9581
Hunter-Lab	82.4543, 24.5493, -10.3752

Details

The CIELCh color **86, 32.184, 332.130** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **95, 31.812, 148.475**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.630, 323.973**, and **66, 31.933, 331.634** is the 20% darker color. If you saturate the color by 10%, you get **80, 45.891, 332.212**, and if you desaturate by 10%, it is **92, 17.809, 330.880**.

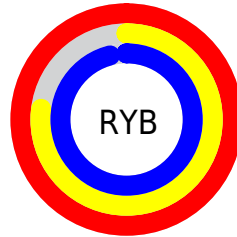
Distribution



Red (100%)

Green (77%)

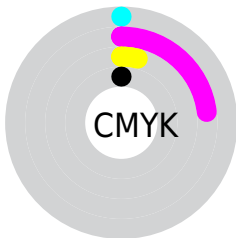
Blue (96%)



Red (100%)

Yellow (77%)

Blue (96%)

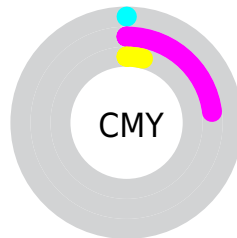


Cyan (0%)

Magenta (23%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (23%)


Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 32.184, 332.130 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 86, 32.184, 332.130 by changing the saturation by 10% instead.


 86, 32.184,
332.130


 86, 32.184,
332.130


 100, 32.184,
332.130


 76, 32.184,
332.130

 66, 32.184,
332.130

 56, 32.184,
332.130

 46, 32.184,
332.130

 36, 32.184,
332.130


 26, 32.184,
332.130


 16, 32.184,


332.130


 6, 32.184, 332.130


 0, 32.184, 332.130

 86, 32.184,
332.130


 86, 32.184,
332.130

 80, 45.891,
332.212


 92, 17.809,
330.880

 75, 59.316,
332.903

 98, 3.774, 330.177

 70, 71.708,
333.613

100, 0.012,
296.813

 66, 82.459,
334.347

 62, 90.925,

335.121

■ 60, 96.581,
335.958

■ 58, 99.219,
336.893

■ 58, 99.587,
337.646

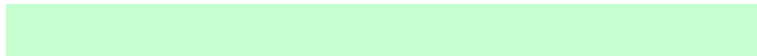
Harmonies

Complementary

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



86, 32.184, 332.130



95, 31.812, 148.475

Rectangle

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



86, 32.184, 332.130



86, 32.184, 22.130



86, 32.184, 152.130



86, 32.184, 202.130

Sweetspot

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



86, 31.932, 331.539



96, 9.773, 330.503



82, 31.020, 299.220



50, 6.353, 330.543



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



86, 31.932, 331.539



83, 37.960, 331.826



85, 23.379, 357.183



50, 7.951, 330.670



43, 80.408, 337.451



11, 37.630, 336.136

Inverse Universe

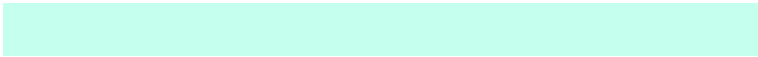
The Inverse Universe completely reimagines the original color for something new.



86, 31.932, 331.539



83, 37.960, 331.826



96, 21.954, 172.624



50, 7.951, 330.670



43, 80.408, 337.451



11, 37.630, 336.136

Previews

White Background



This preview shows how the CIELCh color 86, 32.184, 332.130 looks on a white background.

Color Contrast Check

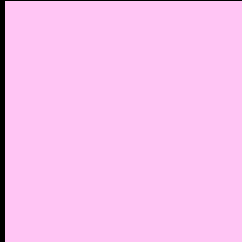
Large Text (above 18pt) WCAG AA × Fail

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 86, 32.184, 332.130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

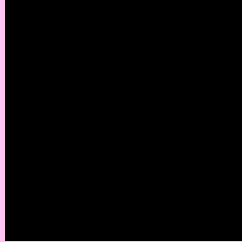
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 32.184, 332.130

Background



This preview shows how black text looks on a background with the CIELCh color 86, 32.184, 332.130.



This preview shows how white text looks on a background with the CIELCh color 86, 32.184, 332.130.

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
86, 19.641, 357.522

Trichromacy



Original Color
86, 31.942, 331.607



Protanomaly
86, 23.952, 305.959



Deuteranomaly
86, 22.623, 319.179

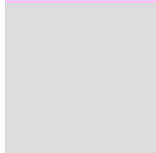


Tritanomaly
86, 23.500, 344.419

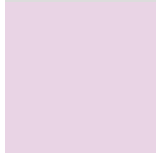
Monochromacy



Original Color
86, 31.942, 331.607



Achromatopsia
88, 0.010, 296.813



Achromatomaly
87, 11.689, 330.726

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 32.184, 332.130 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(255, 197, 244)` looks like.

```
.text, #text, p{  
    color:rgb(255, 197, 244)  
}
```

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(255, 197, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 197, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 32.184, 332.130 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(255, 197, 244) }
```

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

```
.border{ border-color:rgb(255, 197, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 197, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 197, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 197, 244);  
box-shadow:4px 4px 4px 4px rgb(255, 197,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 32.184, 332.130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 197, 244) }
```

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

```
.background{ background-color: rgb(255,  
197, 244) }
```

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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