

Converting Colors

CIE LCh(86, 31.290, 333.315)

Have a look what the booklet for
CIELCh(86, 31.290, 333.315)
contains.

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Color

CIELCh(86, 31.183, 332.875)

Conversions

Conversions Part 1

Format	Color
Hex	FFC6F3
RGB	255, 198, 243
RGB Percent	100%, 78%, 95%
CMY	0.0000, 0.2253, 0.0488
CMYK	0.00, 0.23, 0.05, 0.00
HSL	313°, 100%, 89%
HSV	313°, 23%, 100%
XYZ	77.6458, 67.9871, 93.4707
YIQ	220.1730, 19.5270, 26.0790

Conversions

Conversions Part 2

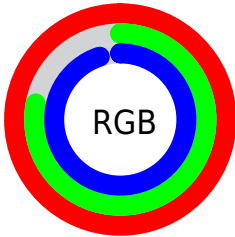
Format	Color
R_{YB}	255, 198, 243
Decimal	16762611
CIE _{Lab}	86.00, 27.75, -14.22
CIE _{LCh}	86, 31.183, 332.875
Yxy	67.9871, 0.3247, 0.2843
Android (android.graphics.Color)	4294952691 (0xFFFFC6F3)
YUV	220.1730, 11.2537, 30.5433
Hunter-Lab	82.4543, 23.7955, -9.4935

Details

The CIELCh color **86, 31.183, 332.875** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **95, 30.904, 149.470**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **66, 30.884, 332.397** is the 20% darker color. If you saturate the color by 10%, you get **80, 44.754, 333.280**, and if you desaturate by 10%, it is **92, 17.206, 331.897**.

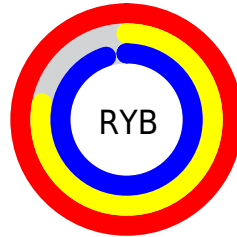
Distribution



Red (100%)

Green (78%)

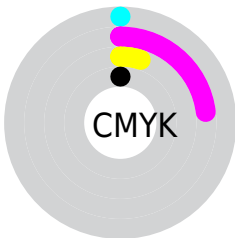
Blue (95%)



Red (100%)

Yellow (78%)

Blue (95%)

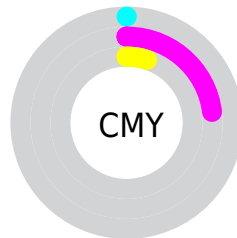


Cyan (0%)

Magenta (23%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (23%)


Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 31.183, 332.875 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, 31.183, 332.875 by changing the saturation by 10% instead.


 86, 31.183,
332.875


 86, 31.183,
332.875


 100, 31.183,
332.875


 76, 31.183,
332.875

 66, 31.183,
332.875

 56, 31.183,
332.875

 46, 31.183,
332.875

 36, 31.183,
332.875

 26, 31.183,
332.875

 16, 31.183,

332.875

■ 6, 31.183, 332.875

■ 0, 31.183, 332.875

■ 86, 31.183,
332.875

■ 86, 31.183,
332.875

■ 80, 44.754,
333.280

■ 92, 17.206,
331.897

■ 75, 57.947,
334.009

■ 98, 3.457, 331.167

■ 70, 70.140,
334.771

100, 0.012,
296.813

■ 66, 80.729,
335.577

■ 62, 89.068,

336.448

■ 60, 94.622,
337.415

■ 58, 97.167,
338.524

■ 57, 97.454,
339.456

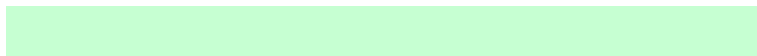
Harmonies

Complementary

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



86, 31.183, 332.875



95, 30.904, 149.470

Rectangle

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



86, 31.183, 332.875



86, 31.183, 22.875



86, 31.183, 152.875



86, 31.183, 202.875

Sweetspot

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



86, 31.054, 332.577



96, 9.575, 331.520



82, 30.806, 299.786



50, 6.224, 331.562



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, 31.054, 332.577



83, 37.210, 332.888



85, 23.024, 358.321



50, 7.790, 331.692



43, 78.709, 339.218



11, 36.916, 337.615

Inverse Universe

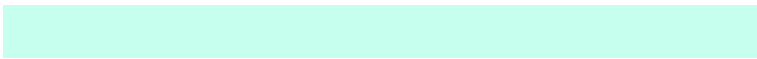
The Inverse Universe completely reimagines the original color for something new.



86, 31.054, 332.577



83, 37.210, 332.888



96, 21.547, 173.789



50, 7.790, 331.692



43, 78.709, 339.218



11, 36.916, 337.615

Previews

White Background



This preview shows how the CIELCh color 86, 31.183, 332.875 looks on a white background.

Color Contrast Check

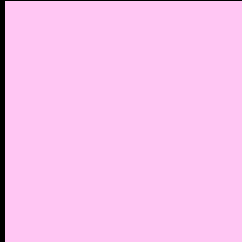
Large Text (above 18pt) WCAG AA × Fail

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, 31.183, 332.875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

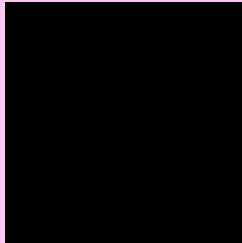
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 31.183, 332.875

Background



This preview shows how black text looks on a background with the CIELCh color 86, 31.183, 332.875.



This preview shows how white text looks on a background with the CIELCh color 86, 31.183, 332.875.

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, 20.166, 356.602

Trichromacy



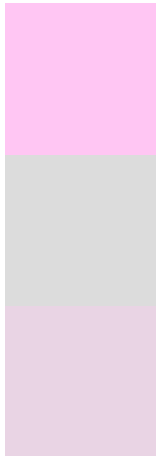
Original Color
86, 30.936, 332.339

Protanomaly
86, 23.026, 307.392

Deuteranomaly
86, 21.711, 320.472

Tritanomaly
86, 23.790, 344.987

Monochromacy



Original Color
86, 30.936, 332.339

Achromatopsia
88, 0.010, 296.813

Achromatomaly
87, 11.300, 332.446

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 31.183, 332.875 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, 198, 243)` looks like.

```
.text, #text, p{  
    color:rgb(255, 198, 243)  
}
```

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, 198, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 198, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 31.183, 332.875 is called "border". The border property can be set on classes, ids or directly on the HTML element.

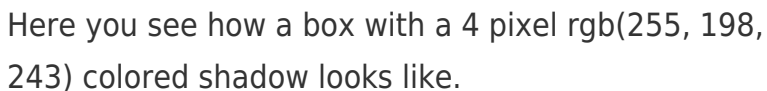
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 198, 243) }
```

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

```
.border{ border-color:rgb(255, 198, 243) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 198, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 198, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 198, 243);  
box-shadow:4px 4px 4px 4px rgb(255, 198,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 31.183, 332.875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 198, 243) }
```

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

```
.background{ background-color: rgb(255,  
198, 243) }
```

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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