

Converting Colors

CIELCh(86, 31.567, 329.115)

Have a look what the booklet for
CIELCh(86, 31.567, 329.115)
contains.

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Color

CIELCh(86, 31.675, 329.410)

Conversions

Conversions Part 1

Format	Color
Hex	FDC6F6
RGB	253, 198, 246
RGB Percent	99%, 78%, 96%
CMY	0.0075, 0.2232, 0.0349
CMYK	0.00, 0.22, 0.03, 0.01
HSL	308°, 94%, 88%
HSV	308°, 22%, 99%
XYZ	77.4036, 67.9871, 96.3044
YIQ	219.9170, 17.3720, 26.5880

Conversions

Conversions Part 2

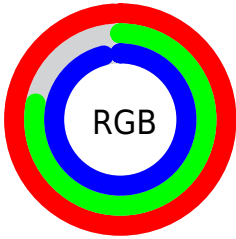
Format	Color
R _Y B	253, 198, 246
Decimal	16631542
CIE _{Lab}	86.00, 27.27, -16.12
CIE _{LCh}	86, 31.675, 329.410
Y _{xy}	67.9871, 0.3203, 0.2813
Android (android.graphics.Color)	4294821622 (0xFFFDC6F6)
Y _{UV}	219.9170, 12.8589, 29.0138
Hunter-Lab	82.4543, 23.2712, -11.5311

Details

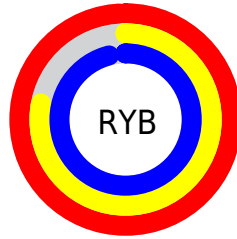
The CIELCh color **86, 31.675, 329.410** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **95, 31.605, 146.619**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **66, 31.675, 329.294** is the 20% darker color. If you saturate the color by 10%, you get **80, 46.150, 330.029**, and if you desaturate by 10%, it is **92, 17.039, 328.793**.

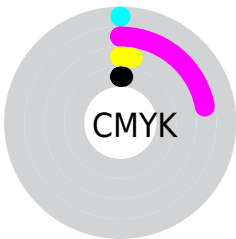
Distribution



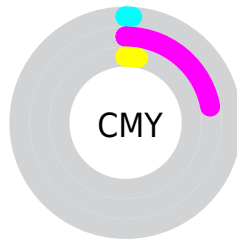
- Red (99%)
- Green (78%)
- Blue (96%)



- Red (99%)
- Yellow (78%)
- Blue (96%)



- Cyan (0%)
- Magenta (22%)
- Yellow (3%)
- Black (1%)





- Cyan (1%)
- Magenta (22%)
- Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 31.675, 329.410 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, 31.675, 329.410 by changing the saturation by 10% instead.


 86, 31.675,
329.410


 86, 31.675,
329.410


 100, 31.675,
329.410


 76, 31.675,
329.410

 66, 31.675,
329.410

 56, 31.675,
329.410

 46, 31.675,
329.410

 36, 31.675,
329.410

 26, 31.675,
329.410

 16, 31.675,

329.410

■ 6, 31.675, 329.410

■ 0, 31.675, 329.410

■ 86, 31.675,
329.410

■ 86, 31.675,
329.410

■ 80, 46.150,
330.029

■ 92, 17.039,
328.793

■ 75, 60.105,
330.647

■ 98, 2.503, 328.081

■ 70, 73.044,
331.258

■ 100, 0.663,
200.363

■ 66, 84.365,
331.859

■ 63, 93.433,

332.450

■ 60, 99.722,
333.041

■ 59, 103.003,
333.649

■ 58, 103.805,
334.177

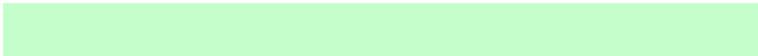
Harmonies

Complementary

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



86, 31.675, 329.410



95, 31.605, 146.619

Rectangle

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



86, 31.675, 329.410



86, 31.675, 19.410



86, 31.675, 149.410



86, 31.675, 199.410

Sweetspot

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



86, 31.672, 329.410



96, 10.200, 328.496



82, 29.328, 296.781



51, 6.630, 328.535



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, 31.672, 329.410



84, 38.121, 329.675



85, 22.940, 352.611



50, 8.297, 328.655



44, 84.228, 334.063



12, 39.214, 333.274

Inverse Universe

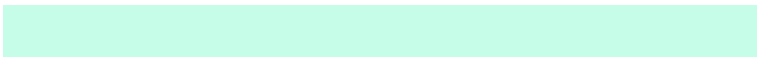
The Inverse Universe completely reimagines the original color for something new.



86, 31.672, 329.410



84, 38.121, 329.675



95, 21.904, 168.390



50, 8.297, 328.655



44, 84.228, 334.063



12, 39.214, 333.274

Previews

White Background



This preview shows how the CIELCh color 86, 31.675, 329.410 looks on a white background.

Color Contrast Check

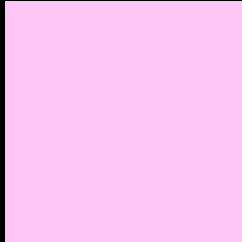
Large Text (above 18pt) WCAG AA × Fail

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, 31.675, 329.410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

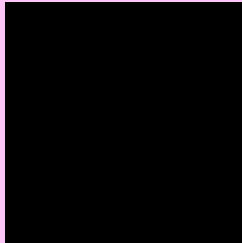
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 31.675, 329.410

Background



This preview shows how black text looks on a background with the CIELCh color 86, 31.675, 329.410.




This preview shows how white text looks on a background with the CIELCh color 86, 31.675, 329.410.

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



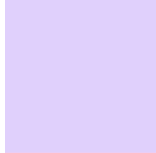


Tritanopia
86, 18.805, 354.558

Trichromacy



Original Color
86, 31.675, 329.410



Protanomaly
86, 23.852, 305.158



Deuteranomaly
86, 22.763, 316.971

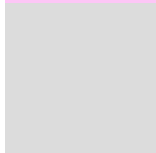


Tritanomaly
86, 22.935, 341.586

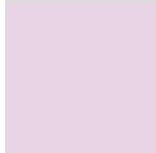
Monochromacy



Original Color
86, 31.675, 329.410



Achromatopsia
88, 0.010, 296.813



Achromatomaly
87, 11.462, 329.330

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 31.675, 329.410 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(253, 198, 246)` looks like.

```
.text, #text, p{  
    color:rgb(253, 198, 246)  
}
```

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(253, 198, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 198, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 31.675, 329.410 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(253, 198, 246) }
```

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

```
.border{ border-color:rgb(253, 198, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 198, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 198, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 198, 246);  
box-shadow:4px 4px 4px 4px rgb(253, 198,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 31.675, 329.410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 198, 246) }
```

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

```
.background{ background-color: rgb(253,  
198, 246) }
```

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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