

Converting Colors

CIELCh(86, 35.407, 327.297)

Have a look what the booklet for
CIELCh(86, 35.407, 327.297)
contains.

CIELCh(86, 35.756, 327.138)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(86, 35.756, 327.138)

Conversions

Conversions Part 1

Format	Color
Hex	FFC4FC
RGB	255, 196, 252
RGB Percent	100%, 77%, 99%
CMY	0.0000, 0.2302, 0.0105
CMYK	0.00, 0.23, 0.01, 0.00
HSL	303°, 100%, 88%
HSV	303°, 23%, 100%
XYZ	78.7882, 67.9871, 101.3295
YIQ	220.0250, 17.1880, 29.9240

Conversions

Conversions Part 2

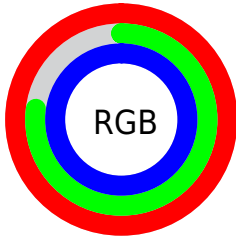
Format	Color
R_{YB}	255, 196, 252
Decimal	16762108
CIE _{Lab}	86.00, 30.03, -19.40
CIE _{LCh}	86, 35.756, 327.138
Yxy	67.9871, 0.3176, 0.2740
Android (android.graphics.Color)	4294952188 (0xFFFFC4FC)
YUV	220.0250, 15.7637, 30.6731
Hunter-Lab	82.4543, 26.2684, -15.1445

Details

The CIELCh color **86, 35.756, 327.138** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **95, 35.664, 144.135**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 1.250, 324.238**, and **66, 35.499, 327.487** is the 20% darker color. If you saturate the color by 10%, you get **80, 51.024, 327.542**, and if you desaturate by 10%, it is **92, 20.136, 326.407**.

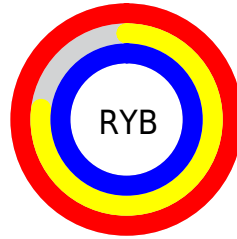
Distribution



Red (100%)

Green (77%)

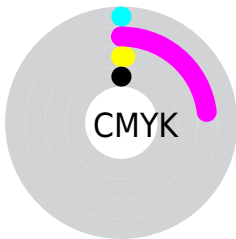
Blue (99%)



Red (100%)

Yellow (77%)

Blue (99%)

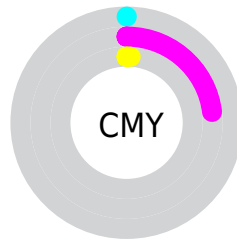


Cyan (0%)

Magenta (23%)

Yellow (1%)

Black (0%)



Cyan (0%)


Magenta (23%)


Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 35.756, 327.138 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, 35.756, 327.138 by changing the saturation by 10% instead.


 86, 35.756,
327.138


 86, 35.756,
327.138


 100, 35.756,
327.138


 76, 35.756,
327.138

 66, 35.756,
327.138

 56, 35.756,
327.138

 46, 35.756,
327.138

 36, 35.756,
327.138

 26, 35.756,
327.138

 16, 35.756,

327.138

■ 6, 35.756, 327.138

■ 0, 35.756, 327.138

■ 86, 35.756,
327.138

■ 86, 35.756,
327.138

■ 80, 51.024,
327.542

■ 92, 20.136,
326.407

■ 75, 65.725,
328.079

■ 98, 4.640, 325.787

■ 71, 79.271,
328.580

100, 0.012,
296.813

■ 67, 91.042,
329.031

■ 63, 100.417,

329.421

■ 61, 106.922,
329.747

■ 60, 110.414,
330.014

■ 60, 111.422,
330.176

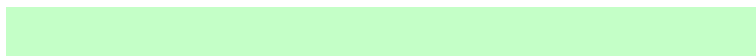
Harmonies

Complementary

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



86, 35.756, 327.138



95, 35.664, 144.135

Rectangle

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



86, 35.756, 327.138



86, 35.756, 17.138



86, 35.756, 147.138



86, 35.756, 197.138

Sweetspot

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



86, 35.693, 326.981



96, 10.794, 326.052



81, 31.245, 294.028



51, 7.016, 326.088



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, 35.693, 326.981



83, 43.385, 327.263



85, 25.661, 347.632



50, 8.780, 326.201



45, 89.800, 330.141



12, 41.492, 329.901

Inverse Universe

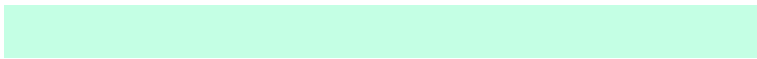
The Inverse Universe completely reimagines the original color for something new.



86, 35.693, 326.981



83, 43.385, 327.263



96, 24.803, 163.373



50, 8.780, 326.201



45, 89.800, 330.141



12, 41.492, 329.901

Previews

White Background



This preview shows how the CIELCh color 86, 35.756, 327.138 looks on a white background.

Color Contrast Check

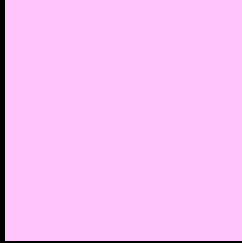
Large Text (above 18pt) WCAG AA × Fail

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, 35.756, 327.138 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, 35.756, 327.138

Background



This preview shows how black text looks on a background with the CIELCh color 86, 35.756, 327.138.

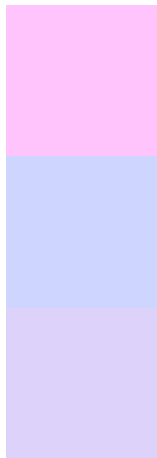


This preview shows how white text looks on a background with the CIELCh color 86, 35.756, 327.138.

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



Original Color

86, 35.756, 327.138

Protanopia

86, 21.613, 284.975

Deuteranopia

86, 21.357, 301.009

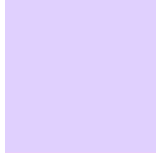


Tritanopia
86, 19.491, 355.616

Trichromacy



Original Color
86, 35.756, 327.138



Protanomaly
86, 24.871, 304.643



Deuteranomaly
86, 26.118, 313.560

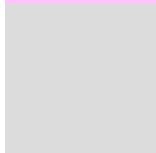


Tritanomaly
86, 24.408, 341.404

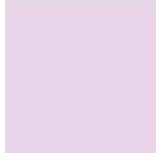
Monochromacy



Original Color
86, 35.756, 327.138



Achromatopsia
88, 0.010, 296.813



Achromatomaly
87, 13.554, 326.188

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 35.756, 327.138 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, 196, 252)` looks like.

```
.text, #text, p{  
    color:rgb(255, 196, 252)  
}
```

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, 196, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 35.756, 327.138 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, 196, 252) }
```

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

```
.border{ border-color:rgb(255, 196, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 196, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 196, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 196, 252);  
box-shadow:4px 4px 4px 4px rgb(255, 196,  
252) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 35.756, 327.138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 196, 252) }
```

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

```
.background{ background-color: rgb(255,  
196, 252) }
```

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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