

Converting Colors

CIELCh(87, 30.161, 325.485)

Have a look what the booklet for
CIELCh(87, 30.161, 325.485)
contains.

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Color

CIELCh(87, 30.188, 325.488)

Conversions

Conversions Part 1

Format	Color
Hex	FBCBFB
RGB	251, 203, 251
RGB Percent	98%, 80%, 98%
CMY	0.0167, 0.2049, 0.0167
CMYK	0.00, 0.19, 0.00, 0.02
HSL	300°, 85%, 89%
HSV	300°, 19%, 98%
XYZ	78.3618, 70.0064, 100.4388
YIQ	222.8240, 13.2000, 25.1040

Conversions

Conversions Part 2

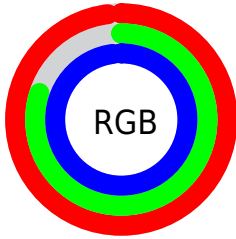
Format	Color
R _Y B	251, 203, 251
Decimal	16501755
CIE Lab	87.00, 24.88, -17.10
CIE LCh	87, 30.188, 325.488
Yxy	70.0064, 0.3150, 0.2814
Android (android.graphics.Color)	4294691835 (0xFFFBCBFB)
YUV	222.8240, 13.8908, 24.7104
Hunter-Lab	83.6698, 20.7537, -12.6040

Details

The CIELCh color **87, 30.188, 325.488** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **94, 30.163, 143.214**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **67, 29.714, 325.693** is the 20% darker color. If you saturate the color by 10%, you get **81, 45.905, 326.033**, and if you desaturate by 10%, it is **93, 14.356, 324.925**.

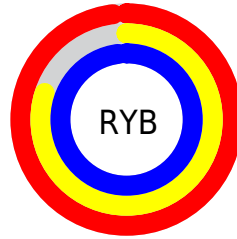
Distribution



Red (98%)

Green (80%)

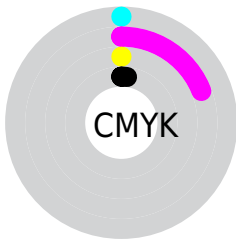
Blue (98%)



Red (98%)

Yellow (80%)

Blue (98%)

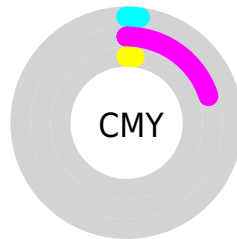


Cyan (0%)

Magenta (19%)

Yellow (0%)

Black (2%)



Cyan (2%)

Magenta (20%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 30.188, 325.488 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 87, 30.188, 325.488 by changing the saturation by 10% instead.

 87, 30.188,
325.488

 87, 30.188,
325.488

 100, 30.188,
325.488

 77, 30.188,
325.488

 67, 30.188,
325.488

 57, 30.188,
325.488

 47, 30.188,
325.488

 37, 30.188,
325.488

 27, 30.188,
325.488

 17, 30.188,

325.488

■ 7, 30.188, 325.488

■ 0, 30.188, 325.488

■ 87, 30.188,
325.488

■ 87, 30.188,
325.488

■ 81, 45.905,
326.033

■ 93, 14.356,
324.925

■ 76, 61.154,
326.549

■ 99, 1.333, 144.625

■ 71, 75.451,
327.022

■ 100, 2.629,
144.463

■ 67, 88.211,
327.433

■ 100, 2.629,
144.460

■ 64, 98.813,

■ 100, 2.629,
144.458

327.766

100, 2.629,
144.455

62, 106.727,
328.009

100, 2.628,
144.452

60, 111.683,
328.159

100, 2.628,
144.449

59, 113.958,
328.227

100, 2.628,
144.446

59, 114.103,
328.232

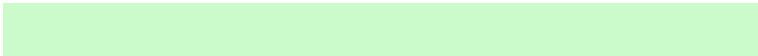
Harmonies

Complementary

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



87, 30.188, 325.488



94, 30.163, 143.214

Rectangle

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



87, 30.188, 325.488



87, 30.188, 15.488



87, 30.188, 145.488



87, 30.188, 195.488

Sweetspot

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



87, 30.185, 325.488



96, 9.538, 324.740



83, 24.965, 291.702



51, 6.329, 324.780



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



87, 30.185, 325.488



86, 36.785, 325.702



86, 21.645, 344.411



49, 8.908, 324.945



45, 92.157, 328.232



12, 41.696, 328.232

Inverse Universe

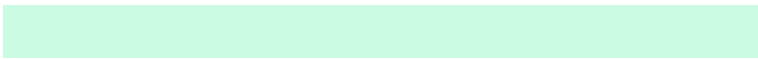
The Inverse Universe completely reimagines the original color for something new.



86, 18.126, 20.766



84, 22.421, 21.150



95, 21.167, 161.108



49, 5.167, 19.940



39, 83.391, 39.999



9, 32.195, 26.139

Previews

White Background



This preview shows how the CIELCh color 87, 30.188, 325.488 looks on a white background.

Color Contrast Check

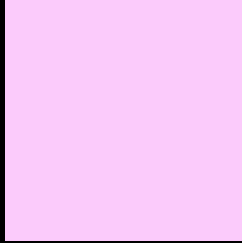
Large Text (above 18pt) WCAG AA × Fail

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 87, 30.188, 325.488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

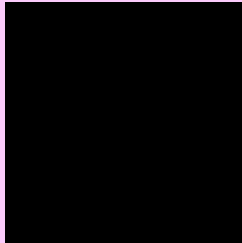
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 30.188, 325.488

Background



This preview shows how black text looks on a background with the CIELCh color 87, 30.188, 325.488.

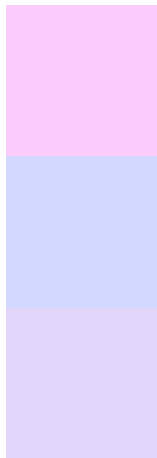


This preview shows how white text looks on a background with the CIELCh color 87, 30.188, 325.488.

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
87, 30.188, 325.488

Protanopia
87, 20.481, 286.305

Deuteranopia
87, 19.377, 303.891



Tritanopia
87, 16.457, 350.249

Trichromacy



Original Color
87, 30.188, 325.488



Protanomaly
87, 22.623, 304.032



Deuteranomaly
87, 23.251, 313.507

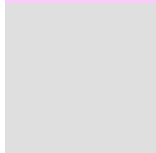


Tritanomaly
87, 20.986, 336.882

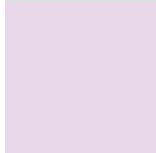
Monochromacy



Original Color
87, 30.188, 325.488



Achromatopsia
89, 0.011, 296.813



Achromatomaly
88, 10.788, 324.816

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 30.188, 325.488 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(251, 203, 251)` looks like.

```
.text, #text, p{  
    color:rgb(251, 203, 251)  
}
```

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(251, 203, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 203, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 30.188, 325.488 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(251, 203, 251) }
```

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

```
.border{ border-color:rgb(251, 203, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 203, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 203, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 203, 251);  
box-shadow:4px 4px 4px 4px rgb(251, 203,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 30.188, 325.488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 203, 251) }
```

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

```
.background{ background-color: rgb(251,  
203, 251) }
```

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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