

Converting Colors

CIELCh(86, 27.793, 325.274)

Have a look what the booklet for
CIELCh(86, 27.793, 325.274)
contains.

CIELCh(86, 27.792, 325.422)	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, 27.792, 325.422)

Conversions

Conversions Part 1

Format	Color
Hex	F5C9F5
RGB	245, 201, 245
RGB Percent	96%, 79%, 96%
CMY	0.0380, 0.2106, 0.0380
CMYK	0.00, 0.18, 0.00, 0.04
HSL	300°, 69%, 88%
HSV	300°, 18%, 96%
XYZ	75.2437, 67.9871, 95.7841
YIQ	219.1720, 12.1000, 23.0120

Conversions

Conversions Part 2

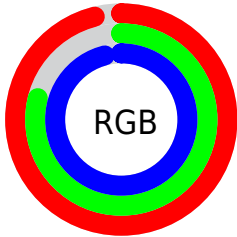
Format	Color
R_{YB}	245, 201, 245
Decimal	16108021
CIE _{Lab}	86.00, 22.88, -15.77
CIE _{LCh}	86, 27.792, 325.422
Yxy	67.9871, 0.3148, 0.2844
Android (android.graphics.Color)	4294298101 (0xFFFF5C9F5)
YUV	219.1720, 12.7332, 22.6512
Hunter-Lab	82.4543, 18.5953, -11.1570

Details

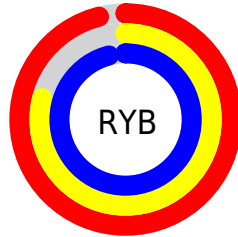
The CIELCh color $86, 27.792, 325.422$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $93, 27.767, 143.307$, and the grayscale version is $88, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $66, 27.678, 324.969$ is the 20% darker color. If you saturate the color by 10%, you get $80, 43.261, 325.969$, and if you desaturate by 10%, it is $92, 12.245, 324.856$.

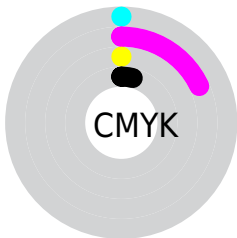
Distribution



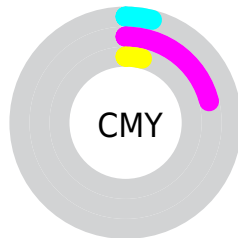
- Red (96%)
- Green (79%)
- Blue (96%)



- Red (96%)
- Yellow (79%)
- Blue (96%)



- Cyan (0%)
- Magenta (18%)
- Yellow (0%)
- Black (4%)





- Cyan (4%)
- Magenta (21%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 27.792, 325.422 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, 27.792, 325.422 by changing the saturation by 10% instead.


 86, 27.792,
325.422


 86, 27.792,
325.422


 100, 27.792,
325.422


 76, 27.792,
325.422

 66, 27.792,
325.422

 56, 27.792,
325.422

 46, 27.792,
325.422

 36, 27.792,
325.422

 26, 27.792,
325.422

 16, 27.792,

325.422

■ 6, 27.792, 325.422

■ 0, 27.792, 325.422

■ 86, 27.792,
325.422

■ 86, 27.792,
325.422

■ 80, 43.261,
325.969

■ 92, 12.245,
324.856

■ 75, 58.321,
326.489

■ 98, 3.138, 144.427

■ 70, 72.512,
326.967

■ 99, 6.017, 144.281

■ 99, 6.016, 144.284

■ 66, 85.271,
327.386

■ 99, 6.016, 144.287

■ 63, 95.988,

■ 99, 6.015, 144.290

327.730

99, 6.015, 144.292

61, 104.123,
327.985

99, 6.014, 144.295

59, 109.369,
328.147

99, 6.014, 144.298

58, 111.870,
328.224

58, 112.219,
328.234

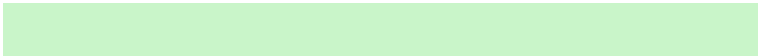
Harmonies

Complementary

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



86, 27.792, 325.422



93, 27.767, 143.307

Rectangle

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



86, 27.792, 325.422



86, 27.792, 15.422



86, 27.792, 145.422



86, 27.792, 195.422

Sweetspot

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



86, 27.789, 325.422



97, 7.944, 324.680



82, 23.338, 292.186



51, 5.422, 324.724



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, 27.789, 325.422



87, 35.185, 325.649



85, 19.698, 345.207



48, 8.758, 324.946



44, 91.225, 328.234



11, 40.560, 328.234

Inverse Universe

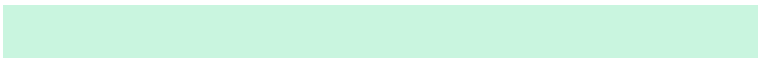
The Inverse Universe completely reimagines the original color for something new.



86, 27.789, 325.422



87, 35.185, 325.649



93, 19.255, 162.095



48, 8.758, 324.946



44, 91.225, 328.234



11, 40.560, 328.234

Previews

White Background



This preview shows how the CIELCh color 86, 27.792, 325.422 looks on a white background.

Color Contrast Check

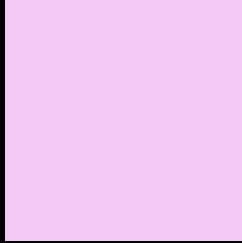
Large Text (above 18pt) WCAG AA × Fail

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, 27.792, 325.422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

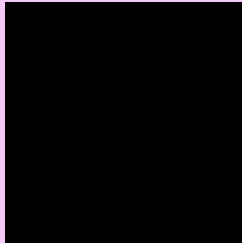
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 27.792, 325.422

Background



This preview shows how black text looks on a background with the CIELCh color 86, 27.792, 325.422.



This preview shows how white text looks on a background with the CIELCh color 86, 27.792, 325.422.

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, 27.792, 325.422

Protanopia
86, 21.055, 286.524

Deuteranopia
86, 18.487, 305.602



Tritanopia
86, 15.871, 348.842

Trichromacy



Original Color
86, 27.792, 325.422



Protanomaly
86, 22.012, 302.570



Deuteranomaly
86, 21.237, 314.721

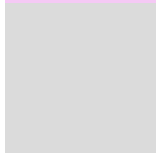


Tritanomaly
86, 19.551, 336.811

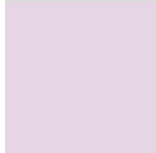
Monochromacy



Original Color
86, 27.792, 325.422



Achromatopsia
87, 0.010, 296.813



Achromatomaly
87, 10.185, 324.798

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 27.792, 325.422 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(245, 201, 245)` looks like.

```
.text, #text, p{  
    color:rgb(245, 201, 245)  
}
```

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(245, 201, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 201, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 27.792, 325.422 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(245, 201, 245) }
```

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

```
.border{ border-color:rgb(245, 201, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 201, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 201, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 201, 245);  
box-shadow:4px 4px 4px 4px rgb(245, 201,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 27.792, 325.422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 201, 245) }
```

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

```
.background{ background-color: rgb(245,  
201, 245) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor