

Converting Colors

CIELCh(89, 68.100, 306.425)

Have a look what the booklet for
CIELCh(89, 68.100, 306.425)
contains.

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Color

CIElCh(86, 32.341, 320.766)

Conversions

Conversions Part 1

Format	Color
Hex	F5C8FE
RGB	245, 200, 254
RGB Percent	96%, 78%, 100%
CMY	0.0387, 0.2150, 0.0034
CMYK	0.04, 0.21, 0.00, 0.00
HSL	290°, 97%, 89%
HSV	290°, 21%, 100%
XYZ	76.3066, 67.9871, 102.9785
YIQ	219.6110, 9.4860, 26.3340

Conversions

Conversions Part 2

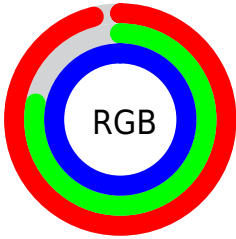
Format	Color
R _Y B	245, 200, 254
Decimal	16107774
CIE Lab	86.00, 25.05, -20.46
CIE LCh	86, 32.341, 320.766
Yxy	67.9871, 0.3086, 0.2749
Android (android.graphics.Color)	4294297854 (0xFFFF5C8FE)
YUV	219.6110, 16.9538, 22.2662
Hunter-Lab	82.4543, 20.8962, -16.3302

Details

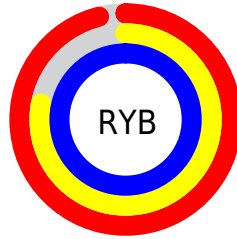
The CIELCh color $86, 32.341, 320.766$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $95, 32.072, 138.686$, and the grayscale version is $88, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $66, 32.040, 320.669$ is the 20% darker color. If you saturate the color by 10%, you get $80, 47.685, 321.222$, and if you desaturate by 10%, it is $92, 16.997, 320.295$.

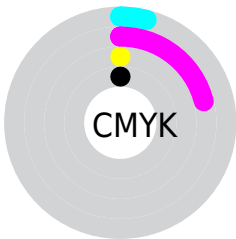
Distribution



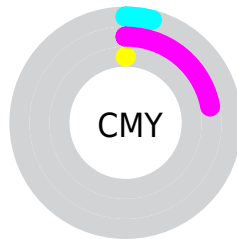
- Red (96%)
- Green (78%)
- Blue (100%)



- Red (96%)
- Yellow (78%)
- Blue (100%)



- Cyan (4%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)





- Cyan (4%)
- Magenta (22%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 32.341, 320.766 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, 32.341, 320.766 by changing the saturation by 10% instead.


 86, 32.341,
320.766


 86, 32.341,
320.766


 100, 32.341,
320.766


 76, 32.341,
320.766

 66, 32.341,
320.766

 56, 32.341,
320.766

 46, 32.341,
320.766

 36, 32.341,
320.766

 26, 32.341,
320.766

 16, 32.341,

320.766

■ 6, 32.341, 320.766

■ 0, 32.341, 320.766

■ 86, 32.341,
320.766

■ 86, 32.341,
320.766

■ 80, 47.685,
321.222

■ 92, 16.997,
320.295

■ 74, 62.734,
321.646

■ 99, 1.857, 319.712

■ 69, 77.053,
322.011

100, 0.428,
109.965

■ 64, 90.063,
322.283

■ 60, 101.080,

322.422

■ 57, 109.433,
322.386

■ 54, 114.678,
322.142

■ 53, 116.977,
321.770

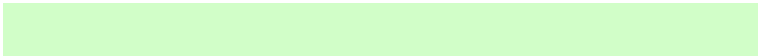
Harmonies

Complementary

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



86, 32.341, 320.766



95, 32.072, 138.686

Rectangle

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



86, 32.341, 320.766



86, 32.341, 10.766



86, 32.341, 140.766



86, 32.341, 190.766

Sweetspot

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



86, 32.338, 320.766



96, 9.065, 320.041



85, 23.346, 284.181



51, 6.016, 320.074



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, 32.338, 320.766



84, 38.237, 320.940



86, 27.206, 336.498



50, 8.615, 320.213



40, 94.426, 321.873



10, 43.331, 322.604

Inverse Universe

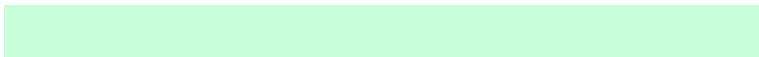
The Inverse Universe completely reimagines the original color for something new.



86, 20.671, 7.967



83, 24.648, 8.454



95, 26.945, 153.323



50, 5.371, 6.628



40, 76.618, 31.972



10, 32.181, 20.300

Previews

White Background



This preview shows how the CIELCh color 86, 32.341, 320.766 looks on a white background.

Color Contrast Check

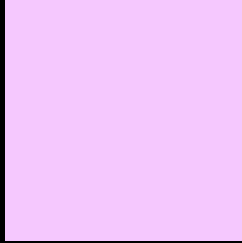
Large Text (above 18pt) WCAG AA × Fail

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, 32.341, 320.766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

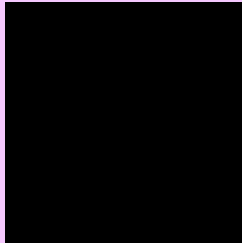
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 32.341, 320.766

Background



This preview shows how black text looks on a background with the CIELCh color 86, 32.341, 320.766.



This preview shows how white text looks on a background with the CIELCh color 86, 32.341, 320.766.

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, 14.936, 346.491

Trichromacy



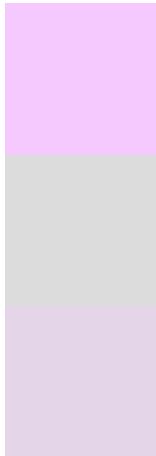
Original Color
86, 32.366, 320.770

Protanomaly
86, 24.536, 300.781

Deuteranomaly
86, 25.930, 308.850

Tritanomaly
86, 20.786, 331.886

Monochromacy



Original Color
86, 32.366, 320.770

Achromatopsia
88, 0.010, 296.813

Achromatomaly
87, 11.510, 320.409

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 32.341, 320.766 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, 200, 254)` looks like.

```
.text, #text, p{  
    color:rgb(245, 200, 254)  
}
```

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, 200, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 200, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 32.341, 320.766 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, 200, 254) }
```

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

```
.border{ border-color:rgb(245, 200, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 200, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 200, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 200, 254); box-shadow:4px 4px 4px 4px rgb(245, 200, 254) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 32.341, 320.766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 200, 254) }
```

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

```
.background{ background-color: rgb(245,  
200, 254) }
```

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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