

Converting Colors

CIELCh(85, 38.486, 325.761)

Have a look what the booklet for
CIELCh(85, 38.486, 325.761)
contains.

CIELCh(85, 38.911, 325.779)	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(85, 38.911, 325.779)

Conversions

Conversions Part 1

Format	Color
Hex	FEC0FE
RGB	254, 192, 254
RGB Percent	100%, 75%, 100%
CMY	0.0034, 0.2466, 0.0034
CMYK	0.00, 0.24, 0.00, 0.00
HSL	300°, 97%, 87%
HSV	300°, 24%, 100%
XYZ	77.7011, 66.0070, 102.5127
YIQ	217.6060, 17.0500, 32.4260

Conversions

Conversions Part 2

Format	Color
R_{YB}	254, 192, 254
Decimal	16695550
CIE _{Lab}	85.00, 32.17, -21.88
CIE _{LCh}	85, 38.911, 325.779
Yxy	66.0070, 0.3156, 0.2681
Android (android.graphics.Color)	4294885630 (0xFFFE0FE)
YUV	217.6060, 17.9422, 31.9175
Hunter-Lab	81.2447, 28.5362, -17.9394

Details

The CIELCh color **85, 38.911, 325.779** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **94, 38.894, 142.798**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 3.736, 324.489**, and **65, 38.784, 326.054** is the 20% darker color. If you saturate the color by 10%, you get **79, 54.601, 326.311**, and if you desaturate by 10%, it is **91, 22.927, 325.225**.

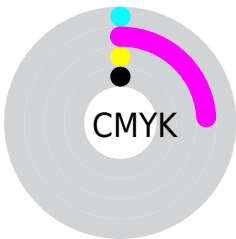
Distribution



- Red (100%)
- Green (75%)
- Blue (100%)



- Red (100%)
- Yellow (75%)
- Blue (100%)



- Cyan (0%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)





- Cyan (0%)
- Magenta (25%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 38.911, 325.779 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 85, 38.911, 325.779 by changing the saturation by 10% instead.


 85, 38.911,
325.779


 85, 38.911,
325.779


 100, 38.911,
325.779


 75, 38.911,
325.779

 65, 38.911,
325.779

 55, 38.911,
325.779

 45, 38.911,
325.779

 35, 38.911,
325.779

 25, 38.911,
325.779

 15, 38.911,

325.779

■ 5, 38.911, 325.779

■ 0, 38.911, 325.779

■ 85, 38.911,
325.779

■ 85, 38.911,
325.779

■ 79, 54.601,
326.311

■ 91, 22.927,
325.225

■ 74, 69.575,
326.807

■ 97, 6.967, 324.641

■ 70, 83.283,
327.249

100, 0.533,
145.011


■ 66, 95.101,
327.621


100, 0.533,
145.025


■ 63, 104.430,

100, 0.533,
145.038

327.908 100, 0.533,
145.052

 61, 110.850,
328.102 100, 0.532,
145.065

 60, 114.301,
328.205 100, 0.532,
145.079

 60, 115.264,
328.233 100, 0.532,
145.092

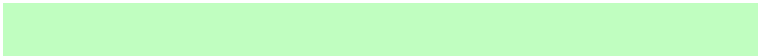
Harmonies

Complementary

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



85, 38.911, 325.779



94, 38.894, 142.798

Rectangle

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



85, 38.911, 325.779



85, 38.911, 15.779



85, 38.911, 145.779



85, 38.911, 195.779

Sweetspot

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



85, 38.908, 325.779



96, 11.134, 324.801



80, 33.112, 293.074



51, 7.237, 324.837



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



85, 38.908, 325.779



83, 46.317, 326.028



84, 27.712, 345.866



50, 9.057, 324.947



45, 93.081, 328.233



12, 42.822, 328.233

Inverse Universe

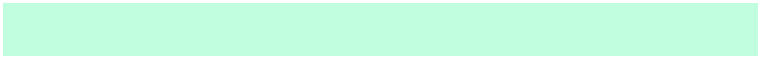
The Inverse Universe completely reimagines the original color for something new.



85, 38.908, 325.779



83, 46.317, 326.028



95, 26.876, 161.437



50, 9.057, 324.947



45, 93.081, 328.233



12, 42.822, 328.233

Previews

White Background



This preview shows how the CIELCh color 85, 38.911, 325.779 looks on a white background.

Color Contrast Check

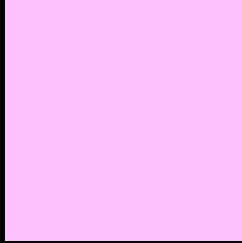
Large Text (above 18pt) WCAG AA × Fail

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 85, 38.911, 325.779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

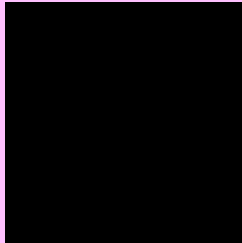
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 38.911, 325.779

Background



This preview shows how black text looks on a background with the CIELCh color 85, 38.911, 325.779.

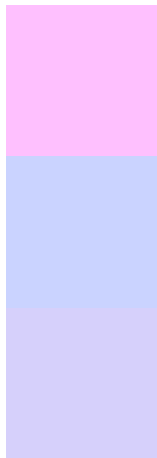


This preview shows how white text looks on a background with the CIELCh color 85, 38.911, 325.779.

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
85, 38.911, 325.779

Protanopia
85, 23.261, 284.857

Deuteranopia
85, 22.782, 297.120



Tritanopia
85, 20.219, 356.629

Trichromacy



Original Color
85, 38.911, 325.779



Protanomaly
85, 27.590, 304.261



Deuteranomaly
85, 28.021, 311.352

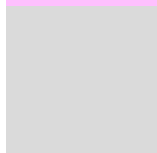


Tritanomaly
85, 26.258, 340.377

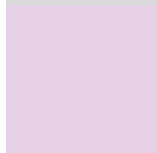
Monochromacy



Original Color
85, 38.911, 325.779



Achromatopsia
87, 0.010, 296.813



Achromatomaly
86, 14.002, 324.945

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 38.911, 325.779 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(254, 192, 254)` looks like.

```
.text, #text, p{  
    color:rgb(254, 192, 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(254, 192, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 192, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 38.911, 325.779 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(254, 192, 254) }
```

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

```
.border{ border-color:rgb(254, 192, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 192, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 192, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 192, 254);  
box-shadow:4px 4px 4px 4px rgb(254, 192,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 38.911, 325.779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 192, 254) }
```

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

```
.background{ background-color: rgb(254,  
192, 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](#).

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