

Converting Colors

CIELCh(85, 36.485, 323.314)

Have a look what the booklet for
CIELCh(85, 36.485, 323.314)
contains.

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Color

CIELCh(85, 36.797, 323.353)

Conversions

Conversions Part 1

Format	Color
Hex	F9C2FE
RGB	249, 194, 254
RGB Percent	98%, 76%, 100%
CMY	0.0228, 0.2385, 0.0032
CMYK	0.02, 0.24, 0.00, 0.00
HSL	295°, 97%, 88%
HSV	295°, 24%, 100%
XYZ	76.3867, 66.0070, 102.6390
YIQ	217.2850, 13.5200, 30.3200

Conversions

Conversions Part 2

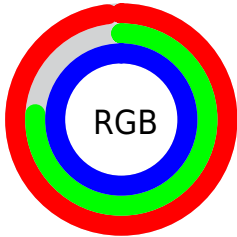
Format	Color
R _Y B	249, 194, 254
Decimal	16368382
CIE Lab	85.00, 29.52, -21.96
CIE LCh	85, 36.797, 323.353
Yxy	66.0070, 0.3117, 0.2694
Android (android.graphics.Color)	4294558462 (0xFFFF9C2FE)
YUV	217.2850, 18.1005, 27.8141
Hunter-Lab	81.2447, 25.6484, -18.0316

Details

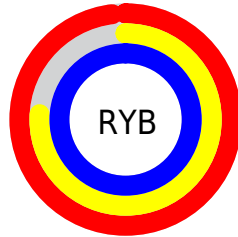
The CIELCh color $85, 36.797, 323.353$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $95, 36.635, 140.780$, and the grayscale version is $87, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 2.492, 324.405$, and $65, 36.631, 323.463$ is the 20% darker color. If you saturate the color by 10%, you get $79, 52.305, 323.837$, and if you desaturate by 10%, it is $91, 21.127, 322.849$.

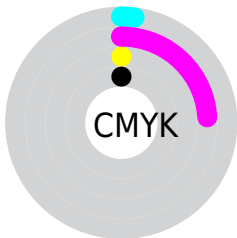
Distribution



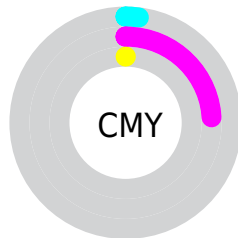
- Red (98%)
- Green (76%)
- Blue (100%)



- Red (98%)
- Yellow (76%)
- Blue (100%)



- Cyan (2%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)





- Cyan (2%)
- Magenta (24%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 36.797, 323.353 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, 36.797, 323.353 by changing the saturation by 10% instead.


 85, 36.797,
323.353


 85, 36.797,
323.353


 100, 36.797,
323.353


 75, 36.797,
323.353

 65, 36.797,
323.353

 55, 36.797,
323.353

 45, 36.797,
323.353

 35, 36.797,
323.353

 25, 36.797,
323.353

 15, 36.797,

323.353

■ 5, 36.797, 323.353

■ 0, 36.797, 323.353

■ 85, 36.797,
323.353

■ 85, 36.797,
323.353

■ 79, 52.305,
323.837

■ 91, 21.127,
322.849

■ 74, 67.282,
324.282

■ 97, 5.563, 322.310

■ 69, 81.221,
324.666

100, 0.399,
109.954

■ 65, 93.502,
324.961

■ 61, 103.467,

325.140

■ 59, 110.576,
325.179

■ 57, 114.611,
325.066

■ 57, 115.905,
324.928

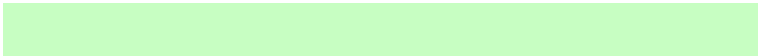
Harmonies

Complementary

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



85, 36.797, 323.353



95, 36.635, 140.780

Rectangle

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



85, 36.797, 323.353



85, 36.797, 13.353



85, 36.797, 143.353



85, 36.797, 193.353

Sweetspot

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



85, 36.794, 323.353



96, 10.851, 322.505



82, 29.217, 289.541



50, 7.053, 322.537



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, 36.794, 323.353



83, 43.762, 323.569



85, 28.283, 341.356



50, 8.828, 322.637



43, 93.568, 324.983



11, 43.010, 325.367

Inverse Universe

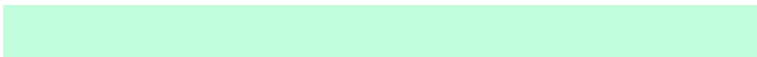
The Inverse Universe completely reimagines the original color for something new.



84, 22.911, 14.731



81, 27.631, 15.294



95, 27.745, 157.412



50, 5.276, 13.219



40, 80.750, 36.759



10, 32.718, 23.807

Previews

White Background



This preview shows how the CIELCh color 85, 36.797, 323.353 looks on a white background.

Color Contrast Check

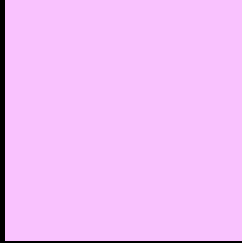
Large Text (above 18pt) WCAG AA × Fail

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, 36.797, 323.353 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, 36.797, 323.353

Background



This preview shows how black text looks on a background with the CIELCh color 85, 36.797, 323.353.



This preview shows how white text looks on a background with the CIELCh color 85, 36.797, 323.353.

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
85, 17.848, 352.865

Trichromacy



Original Color
85, 36.797, 323.353



Protanomaly
85, 26.860, 302.356



Deuteranomaly
85, 27.689, 309.320

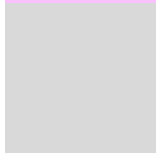


Tritanomaly
85, 23.781, 336.435

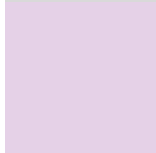
Monochromacy



Original Color
85, 36.797, 323.353



Achromatopsia
87, 0.010, 296.813



Achromatomaly
86, 13.618, 322.419

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 36.797, 323.353 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(249, 194, 254)` looks like.

```
.text, #text, p{  
    color:rgb(249, 194, 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(249, 194, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 194, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 36.797, 323.353 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(249, 194, 254) }
```

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

```
.border{ border-color:rgb(249, 194, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 194, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 194, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 194, 254);  
box-shadow:4px 4px 4px 4px rgb(249, 194,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 36.797, 323.353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 194, 254) }
```

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

```
.background{ background-color: rgb(249,  
194, 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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