

Converting Colors

CIELCh(89, 26.048, 327.112)

Have a look what the booklet for
CIELCh(89, 26.048, 327.112)
contains.

CIELCh(89, 26.350, 327.310)	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(89, 26.350, 327.310)

Conversions

Conversions Part 1

Format	Color
Hex	FED2FB
RGB	254, 210, 251
RGB Percent	100%, 82%, 98%
CMY	0.0037, 0.1763, 0.0155
CMYK	0.00, 0.17, 0.01, 0.00
HSL	304°, 96%, 91%
HSV	304°, 17%, 100%
XYZ	81.3687, 74.1641, 101.3327
YIQ	227.8300, 13.0630, 22.0790

Conversions

Conversions Part 2

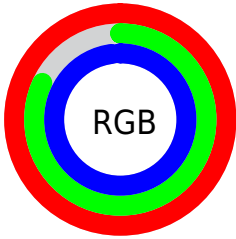
Format	Color
R_{YB}	254, 210, 251
Decimal	16700155
CIE _{Lab}	89.00, 22.18, -14.23
CIE _{LCh}	89, 26.350, 327.310
Yxy	74.1641, 0.3168, 0.2887
Android (android.graphics.Color)	4294890235 (0xFF FED2FB)
YUV	227.8300, 11.4228, 22.9511
Hunter-Lab	86.1186, 17.9473, -9.4814

Details

The CIELCh color **89, 26.350, 327.310** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **96, 26.312, 145.214**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **69, 26.346, 327.622** is the 20% darker color. If you saturate the color by 10%, you get **83, 41.570, 327.892**, and if you desaturate by 10%, it is **95, 11.080, 326.717**.

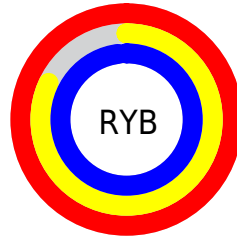
Distribution



Red (100%)

Green (82%)

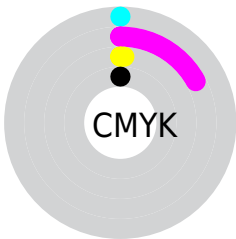
Blue (98%)



Red (100%)

Yellow (82%)

Blue (98%)

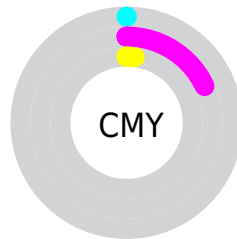


Cyan (0%)

Magenta (17%)

Yellow (1%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 26.350, 327.310 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 89, 26.350, 327.310 by changing the saturation by 10% instead.


 89, 26.350,
327.310


 89, 26.350,
327.310


 100, 26.350,
327.310


 79, 26.350,
327.310

 69, 26.350,
327.310

 59, 26.350,
327.310

 49, 26.350,
327.310

 39, 26.350,
327.310

 29, 26.350,
327.310

 19, 26.350,

327.310

■ 9, 26.350, 327.310

■ 0, 26.350, 327.310

■ 89, 26.350,
327.310

■ 89, 26.350,
327.310

■ 83, 41.570,
327.892

■ 95, 11.080,
326.717

■ 78, 56.421,
328.460

100, 0.408,
164.199

■ 73, 70.446,
329.006

100, 0.330,
201.392

■ 68, 83.080,
329.518

■ 65, 93.687,

329.987

■ 62, 101.684,
330.406

■ 60, 106.708,
330.780

■ 59, 108.826,
331.119

■ 59, 109.123,
331.208

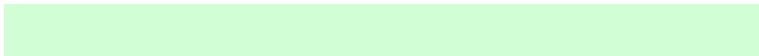
Harmonies

Complementary

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



89, 26.350, 327.310



96, 26.312, 145.214

Rectangle

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



89, 26.350, 327.310



89, 26.350, 17.310



89, 26.350, 147.310



89, 26.350, 197.310

Sweetspot

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



89, 26.347, 327.310



97, 7.582, 326.571



86, 23.184, 294.510



51, 5.175, 326.616



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



89, 26.347, 327.310



87, 32.069, 327.525



88, 18.759, 349.004



50, 8.645, 326.849



45, 88.223, 331.153



12, 40.850, 330.779

Inverse Universe

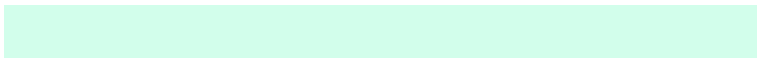
The Inverse Universe completely reimagines the original color for something new.



89, 26.347, 327.310



87, 32.069, 327.525



96, 18.209, 165.845



50, 8.645, 326.849



45, 88.223, 331.153



12, 40.850, 330.779

Previews

White Background



This preview shows how the CIELCh color 89, 26.350, 327.310 looks on a white background.

Color Contrast Check

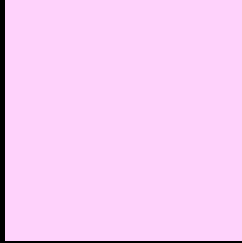
Large Text (above 18pt) WCAG AA × Fail

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 89, 26.350, 327.310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

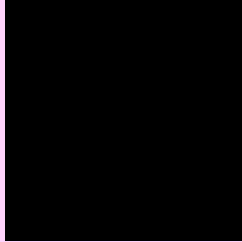
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 26.350, 327.310

Background



This preview shows how black text looks on a background with the CIELCh color 89, 26.350, 327.310.



This preview shows how white text looks on a background with the CIELCh color 89, 26.350, 327.310.

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

89, 26.350, 327.310

Protanopia

89, 17.226, 287.119

Deuteranopia

89, 17.547, 308.570

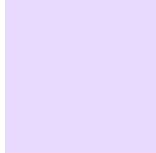


Tritanopia
89, 15.751, 348.789

Trichromacy



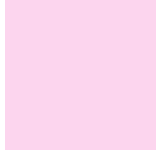
Original Color
89, 26.350, 327.310



Protanomaly
89, 19.372, 304.865



Deuteranomaly
89, 20.445, 317.667

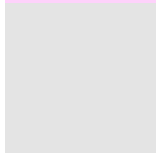


Tritanomaly
89, 19.065, 337.907

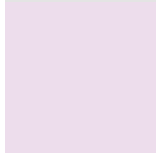
Monochromacy



Original Color
89, 26.350, 327.310



Achromatopsia
91, 0.011, 296.813



Achromatomaly
90, 9.696, 326.515

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 26.350, 327.310 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, 210, 251)` looks like.

```
.text, #text, p{  
    color:rgb(254, 210, 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(254, 210, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 210, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 26.350, 327.310 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, 210, 251) }
```

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

```
.border{ border-color:rgb(254, 210, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 210, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 210, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 210, 251);  
box-shadow:4px 4px 4px 4px rgb(254, 210,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 26.350, 327.310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 210, 251) }
```

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

```
.background{ background-color: rgb(254,  
210, 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](#).

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