

Converting Colors

CIELCh(84, 39.993, 327.605)

Have a look what the booklet for
CIELCh(84, 39.993, 327.605)
contains.

CIELCh(84, 39.751, 327.588)	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(84, 39.751, 327.588)

Conversions

Conversions Part 1

Format	Color
Hex	FEBCEFA
RGB	254, 188, 250
RGB Percent	100%, 74%, 98%
CMY	0.0032, 0.2620, 0.0189
CMYK	0.00, 0.26, 0.02, 0.00
HSL	304°, 98%, 87%
HSV	304°, 26%, 100%
XYZ	76.2511, 64.0658, 98.9456
YIQ	214.8020, 19.4340, 33.2740

Conversions

Conversions Part 2

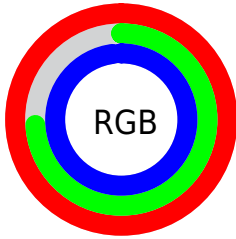
Format	Color
R_{YB}	254, 188, 250
Decimal	16694522
CIE _{Lab}	84.00, 33.56, -21.31
CIE _{LCh}	84, 39.751, 327.588
Yxy	64.0658, 0.3187, 0.2678
Android (android.graphics.Color)	4294884602 (0xFFFEBCFA)
YUV	214.8020, 17.3526, 34.3766
Hunter-Lab	80.0411, 29.9760, -17.2647

Details

The CIELCh color `84, 39.751, 327.588` is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be `94, 39.720, 144.305`, and the grayscale version is `86, 0.010, 296.813`.

A 20% lighter version of the original color is `98, 6.227, 324.609`, and `64, 39.642, 327.989` is the 20% darker color. If you saturate the color by 10%, you get `78, 54.754, 328.154`, and if you desaturate by 10%, it is `90, 24.418, 327.010`.

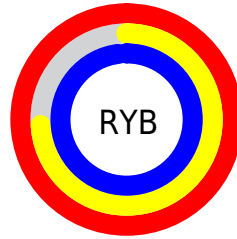
Distribution



Red (100%)

Green (74%)

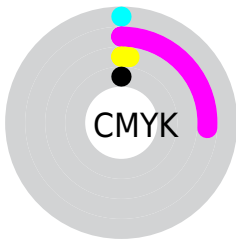
Blue (98%)



Red (100%)

Yellow (74%)

Blue (98%)

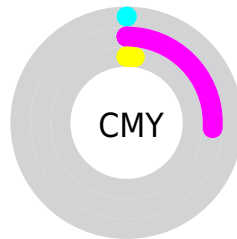


Cyan (0%)

Magenta (26%)

Yellow (2%)

Black (0%)



Cyan (0%)

Magenta (26%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 39.751, 327.588 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 84, 39.751, 327.588 by changing the saturation by 10% instead.

 84, 39.751,
327.588

 84, 39.751,
327.588

 100, 39.751,
327.588


 74, 39.751,
327.588

 64, 39.751,
327.588

 54, 39.751,
327.588

 44, 39.751,
327.588

 34, 39.751,
327.588

 24, 39.751,
327.588

 14, 39.751,

327.588

■ 4, 39.751, 327.588

■ 0, 39.751, 327.588

■ 84, 39.751,
327.588

■ 84, 39.751,
327.588

■ 78, 54.754,
328.154

■ 90, 24.418,
327.010

■ 73, 68.998,
328.696

■ 96, 9.078, 326.415

■ 69, 81.926,
329.203

100, 0.292,
183.189

■ 65, 92.907,
329.664

100, 0.279,
201.760

■ 62, 101.344,

330.071

■ 61, 106.834,
330.426

■ 60, 109.363,
330.737

■ 59, 109.831,
330.856

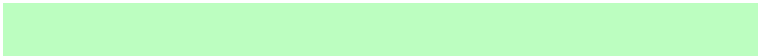
Harmonies

Complementary

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



84, 39.751, 327.588



94, 39.720, 144.305

Rectangle

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



84, 39.751, 327.588



84, 39.751, 17.588



84, 39.751, 147.588



84, 39.751, 197.588

Sweetspot

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



84, 39.748, 327.588



95, 12.217, 326.540



79, 35.394, 294.991



50, 8.690, 326.630



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



84, 39.748, 327.588



81, 47.487, 327.875



83, 28.664, 348.950



50, 8.690, 326.630



45, 88.748, 330.809



12, 41.064, 330.481

Inverse Universe

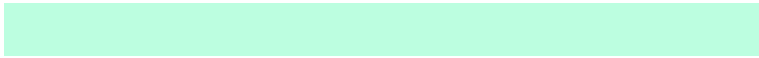
The Inverse Universe completely reimagines the original color for something new.



84, 39.748, 327.588



81, 47.487, 327.875



95, 27.502, 163.986



50, 8.690, 326.630



45, 88.748, 330.809



12, 41.064, 330.481

Previews

White Background



This preview shows how the CIE LCh color 84, 39.751, 327.588 looks on a white background.

Color Contrast Check

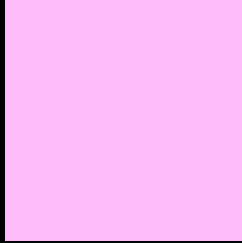
Large Text (above 18pt) WCAG AA × Fail

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 84, 39.751, 327.588 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 84, 39.751, 327.588

Background



This preview shows how black text looks on a background with the CIELCh color 84, 39.751, 327.588.



This preview shows how white text looks on a background with the CIELCh color 84, 39.751, 327.588.

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


84, 39.751, 327.588

Protanopia

84, 24.885, 285.524

Deuteranopia

84, 22.354, 298.086



Tritanopia
84, 21.669, 358.472

Trichromacy



Original Color
84, 39.751, 327.588



Protanomaly
84, 28.246, 304.747



Deuteranomaly
84, 27.713, 312.395

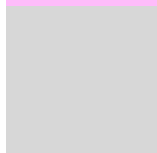


Tritanomaly
84, 26.833, 342.927

Monochromacy



Original Color
84, 39.751, 327.588



Achromatopsia
86, 0.010, 296.813



Achromatomaly
85, 14.881, 326.141

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 39.751, 327.588 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, 188, 250)` looks like.

```
.text, #text, p{  
    color:rgb(254, 188, 250)  
}
```

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, 188, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 188, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 39.751, 327.588 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, 188, 250) }
```

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

```
.border{ border-color:rgb(254, 188, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 188, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 188, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 188, 250);  
box-shadow:4px 4px 4px 4px rgb(254, 188,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 39.751, 327.588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 188, 250) }
```

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

```
.background{ background-color: rgb(254,  
188, 250) }
```

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