

Converting Colors

CIELCh(84, 25.891, 329.031)

Have a look what the booklet for
CIELCh(84, 25.891, 329.031)
contains.

CIELCh(84, 25.820, 328.760)	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, 25.820, 328.760)

Conversions

Conversions Part 1

Format	Color
Hex	F0C4EB
RGB	240, 196, 235
RGB Percent	94%, 77%, 92%
CMY	0.0584, 0.2310, 0.0781
CMYK	0.00, 0.18, 0.02, 0.06
HSL	307°, 60%, 86%
HSV	307°, 18%, 94%
XYZ	70.7361, 64.0658, 87.3052
YIQ	213.6020, 13.7050, 21.4570

Conversions

Conversions Part 2

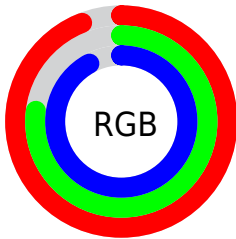
Format	Color
R _Y B	240, 196, 235
Decimal	15779051
CIE Lab	84.00, 22.08, -13.39
CIE LCh	84, 25.820, 328.760
Yxy	64.0658, 0.3185, 0.2884
Android (android.graphics.Color)	4293969131 (0xFFFF0C4EB)
YUV	213.6020, 10.5492, 23.1510
Hunter-Lab	80.0411, 17.6770, -8.6421

Details

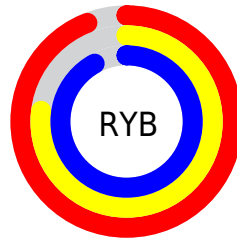
The CIELCh color **84, 25.820, 328.760** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **91, 25.768, 146.479**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 1.250, 324.238**, and **64, 25.826, 329.183** is the 20% darker color. If you saturate the color by 10%, you get **78, 39.904, 329.367**, and if you desaturate by 10%, it is **90, 11.674, 328.150**.

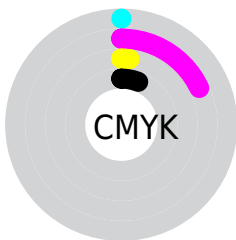
Distribution



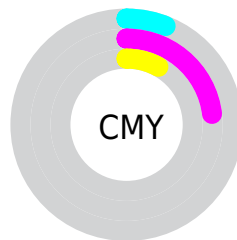
- Red (94%)
- Green (77%)
- Blue (92%)



- Red (94%)
- Yellow (77%)
- Blue (92%)



- Cyan (0%)
- Magenta (18%)
- Yellow (2%)
- Black (6%)





- Cyan (6%)
- Magenta (23%)
- Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 25.820, 328.760 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, 25.820, 328.760 by changing the saturation by 10% instead.


 84, 25.820,
328.760


 84, 25.820,
328.760


 100, 25.820,
328.760


 74, 25.820,
328.760

 64, 25.820,
328.760

 54, 25.820,
328.760

 44, 25.820,
328.760

 34, 25.820,
328.760


 24, 25.820,
328.760

 14, 25.820,


328.760


 4, 25.820, 328.760


 0, 25.820, 328.760


 84, 25.820,
328.760

 84, 25.820,
328.760

 78, 39.904,
329.367

 90, 11.674,
328.150

 73, 53.621,
329.972

 96, 2.315, 147.738

 68, 66.537,
330.566

 99, 7.976, 150.683

 99, 6.975, 158.107

 64, 78.109,
331.146

 99, 6.122, 167.769

 61, 87.733,

 99, 5.490, 180.055

331.706

99, 5.160, 194.662

58, 94.853,
332.251

99, 5.130, 199.209

56, 99.131,
332.792

56, 100.708,
333.347

55, 100.854,
333.441

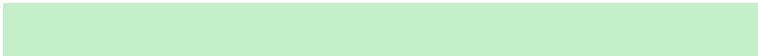
Harmonies

Complementary

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



84, 25.820, 328.760



91, 25.768, 146.479

Rectangle

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



84, 25.820, 328.760



84, 25.820, 18.760



84, 25.820, 148.760



84, 25.820, 198.760

Sweetspot

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



84, 25.817, 328.760



97, 7.346, 327.937



81, 23.512, 295.814



51, 5.014, 327.984



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, 25.817, 328.760



86, 32.566, 328.988



83, 18.621, 351.159



47, 7.962, 328.221



42, 82.601, 333.342



10, 36.506, 332.555

Inverse Universe

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



84, 25.817, 328.760



86, 32.566, 328.988



91, 17.960, 167.728



47, 7.962, 328.221



42, 82.601, 333.342



10, 36.506, 332.555

Previews

White Background



This preview shows how the CIELCh color 84, 25.820, 328.760 looks on a white background.

Color Contrast Check

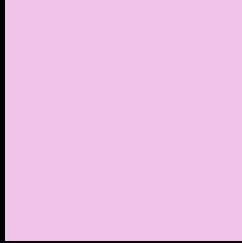
Large Text (above 18pt) WCAG AA × Fail

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, 25.820, 328.760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

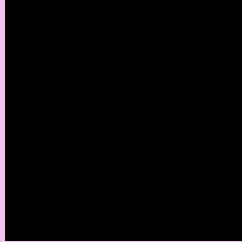
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 25.820, 328.760

Background



This preview shows how black text looks on a background with the CIELCh color 84, 25.820, 328.760.



This preview shows how white text looks on a background with the CIELCh color 84, 25.820, 328.760.

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, 25.820, 328.760

Protanopia

84, 18.506, 286.551

Deuteranopia

84, 16.757, 309.647



Tritanopia
84, 15.687, 350.527

Trichromacy



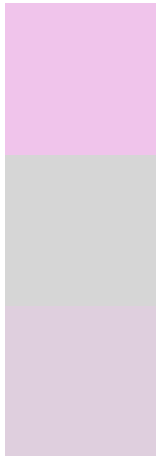
Original Color
84, 25.820, 328.760

Protanomaly
84, 19.530, 303.924

Deuteranomaly
84, 19.754, 319.059

Tritanomaly
84, 18.612, 340.389

Monochromacy



Original Color
84, 25.820, 328.760

Achromatopsia
86, 0.010, 296.813

Achromatomaly
85, 9.810, 326.540

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 25.820, 328.760 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(240, 196, 235)` looks like.

```
.text, #text, p{  
    color:rgb(240, 196, 235)  
}
```

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(240, 196, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 196, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 25.820, 328.760 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(240, 196, 235) }
```

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

```
.border{ border-color:rgb(240, 196, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 196, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 196, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 196, 235);  
box-shadow:4px 4px 4px 4px rgb(240, 196,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 25.820, 328.760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 196, 235) }
```

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

```
.background{ background-color: rgb(240,  
196, 235) }
```

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