

Converting Colors

CIELCh(84, 13.600, 359.335)

Have a look what the booklet for
CIELCh(84, 13.600, 359.335)
contains.

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Color

CIELCh(84, 13.416, 359.853)

Conversions

Conversions Part 1

Format	Color
Hex	EBC9D2
RGB	235, 201, 210
RGB Percent	92%, 79%, 82%
CMY	0.0786, 0.2119, 0.1766
CMYK	0.00, 0.14, 0.11, 0.08
HSL	344°, 46%, 85%
HSV	344°, 14%, 92%
XYZ	66.7572, 64.0658, 69.7985
YIQ	212.1920, 17.3750, 10.0070

Conversions

Conversions Part 2

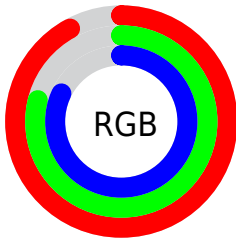
Format	Color
R _Y B	235, 201, 210
Decimal	15452626
CIE Lab	84.00, 13.42, -0.03
CIE LCh	84, 13.416, 359.853
Yxy	64.0658, 0.3328, 0.3193
Android (android.graphics.Color)	4293642706 (0xFFEBC9D2)
YUV	212.1920, -1.0807, 20.0026
Hunter-Lab	80.0411, 8.8037, 4.3259

Details

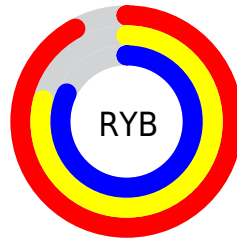
The CIELCh color **84, 13.416, 359.853** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90, 12.796, 177.145**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **64, 13.467, 359.029** is the 20% darker color. If you saturate the color by 10%, you get **78, 23.151, 1.075**, and if you desaturate by 10%, it is **90, 4.051, 358.738**.

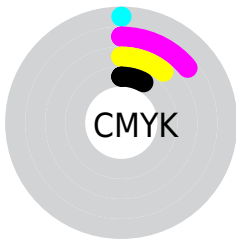
Distribution



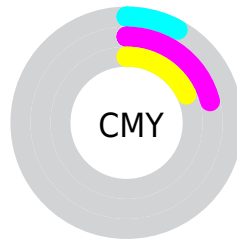
- Red (92%)
- Green (79%)
- Blue (82%)



- Red (92%)
- Yellow (79%)
- Blue (82%)



- Cyan (0%)
- Magenta (14%)
- Yellow (11%)
- Black (8%)




- Cyan (8%)
- Magenta (21%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 13.416, 359.853 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, 13.416, 359.853 by changing the saturation by 10% instead.


 84, 13.416,
359.853


 84, 13.416,
359.853


 100, 13.416,
359.853


 74, 13.416,
359.853


 64, 13.416,
359.853

 54, 13.416,
359.853

 44, 13.416,
359.853

 34, 13.416,
359.853

 24, 13.416,
359.853

 14, 13.416,

359.853

■ 4, 13.416, 359.853

■ 0, 13.416, 359.853

■ 84, 13.416,
359.853

■ 84, 13.416,
359.853

■ 78, 23.151, 1.075

■ 90, 4.051, 358.738

■ 72, 33.145, 2.511

■ 97, 4.884, 178.096

■ 67, 43.189, 4.251

■ 99, 6.862, 199.068

■ 62, 52.964, 6.407

■ 57, 62.056, 9.126

■ 54, 70.035, 12.576

■ 51, 76.618, 16.905

■ 50, 81.863, 22.126

■ 50, 84.498, 25.190

Harmonies

Complementary

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



84, 13.416, 359.853



90, 12.796, 177.145

Rectangle

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



84, 13.416, 359.853



84, 13.416, 49.853



84, 13.416, 179.853



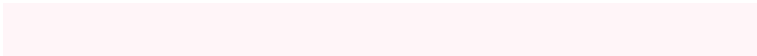
84, 13.416, 229.853

Sweetspot

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



84, 13.414, 359.859



97, 3.872, 358.680



84, 20.049, 317.389



51, 2.756, 358.776



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, 13.414, 359.859



89, 16.937, 0.160



86, 10.638, 42.879



46, 5.202, 359.305



38, 69.025, 24.141



7, 27.816, 11.324

Inverse Universe

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



84, 13.414, 359.859



89, 16.937, 0.160



89, 9.720, 224.178



46, 5.202, 359.305



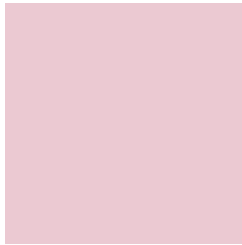
38, 69.025, 24.141



7, 27.816, 11.324

Previews

White Background



This preview shows how the CIELCh color 84, 13.416, 359.853 looks on a white background.

Color Contrast Check

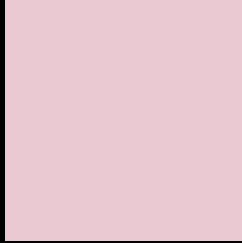
Large Text (above 18pt) WCAG AA × Fail

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, 13.416, 359.853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

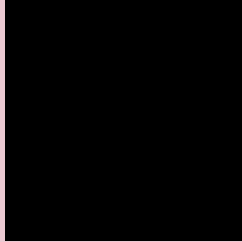
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 13.416, 359.853

Background



This preview shows how black text looks on a background with the CIELCh color 84, 13.416, 359.853.



This preview shows how white text looks on a background with the CIELCh color 84, 13.416, 359.853.

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
84, 15.628, 348.120

Trichromacy



Original Color
84, 13.416, 359.853

Protanomaly
84, 6.313, 344.107

Deuteranomaly
84, 11.837, 359.538

Tritanomaly
84, 15.123, 351.526

Monochromacy



Original Color
84, 13.416, 359.853

Achromatopsia
85, 0.010, 296.813

Achromatomaly
84, 4.667, 359.912

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 13.416, 359.853 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(235, 201, 210)` looks like.

```
.text, #text, p{  
    color:rgb(235, 201, 210)  
}
```

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(235, 201, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 201, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 13.416, 359.853 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(235, 201, 210) }
```

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

```
.border{ border-color:rgb(235, 201, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 201, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 201, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 201, 210);  
box-shadow:4px 4px 4px 4px rgb(235, 201,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 13.416, 359.853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 201, 210) }
```

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

```
.background{ background-color: rgb(235,  
201, 210) }
```

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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