

Converting Colors

CIELCh(84, 13.964, 11.856)

Have a look what the booklet for
CIELCh(84, 13.964, 11.856) contains.

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Color

CIELCh(84, 13.964, 11.856)

Conversions

Conversions Part 1

Format	Color
Hex	EEC9CD
RGB	238, 201, 205
RGB Percent	93%, 79%, 80%
CMY	0.0684, 0.2134, 0.1977
CMYK	0.00, 0.16, 0.14, 0.07
HSL	354°, 51%, 86%
HSV	354°, 16%, 93%
XYZ	66.8700, 64.0658, 66.3321
YIQ	212.5190, 20.7680, 9.0880

Conversions

Conversions Part 2

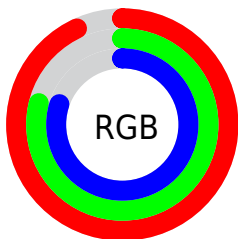
Format	Color
R _Y B	238, 201, 205
Decimal	15649229
CIE Lab	84.00, 13.67, 2.87
CIE LCh	84, 13.964, 11.856
Yxy	64.0658, 0.3390, 0.3248
Android (android.graphics.Color)	4293839309 (0xFFEEC9CD)
YUV	212.5190, -3.7069, 22.3468
Hunter-Lab	80.0411, 9.0552, 6.8936

Details

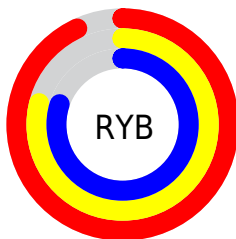
The CIELCh color **84, 13.964, 11.856** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91, 12.885, 189.312**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **64, 14.050, 11.744** is the 20% darker color. If you saturate the color by 10%, you get **78, 23.656, 13.042**, and if you desaturate by 10%, it is **90, 4.833, 10.832**.

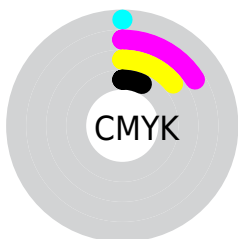
Distribution



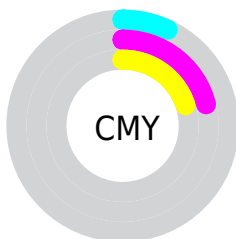
- Red (93%)
- Green (79%)
- Blue (80%)



- Red (93%)
- Yellow (79%)
- Blue (80%)



- Cyan (0%)
- Magenta (16%)
- Yellow (14%)
- Black (7%)



- Cyan (7%)
- Magenta (21%)
- Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 13.964, 11.856 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, 13.964, 11.856 by changing the saturation by 10% instead.

 84, 13.964, 11.856

 84, 13.964, 11.856

 100, 13.964,
11.856

 74, 13.964, 11.856

 64, 13.964, 11.856

 54, 13.964, 11.856

 44, 13.964, 11.856

 34, 13.964, 11.856

 24, 13.964, 11.856

 14, 13.964, 11.856

 4, 13.964, 11.856

 0, 13.964, 11.856

84, 13.964, 11.856

84, 13.964, 11.856

78, 23.656, 13.042

90, 4.833, 10.832

72, 33.848, 14.492

97, 3.719, 190.331

66, 44.386, 16.317

99, 5.988, 199.137

61, 55.016, 18.639

57, 65.394, 21.597

54, 75.150, 25.293

51, 83.967, 29.680

50, 91.481, 34.343

50, 94.335, 36.155

Harmonies

Complementary

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



84, 13.964, 11.856



91, 12.885, 189.312

Rectangle

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



84, 13.964, 11.856



84, 13.964, 61.856



84, 13.964, 191.856



84, 13.964, 241.856

Sweetspot

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



84, 13.962, 11.864



97, 4.591, 10.771



85, 22.687, 321.979



51, 3.139, 10.849



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, 13.962, 11.864



87, 18.252, 12.252



87, 11.336, 60.321



47, 5.034, 11.235



38, 77.088, 35.403



8, 29.317, 19.424

Inverse Universe

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



84, 13.962, 11.864



87, 18.252, 12.252



88, 10.571, 243.694



47, 5.034, 11.235



38, 77.088, 35.403



8, 29.317, 19.424

Previews

White Background



This preview shows how the CIELCh color 84, 13.964, 11.856 looks on a white background.

Color Contrast Check

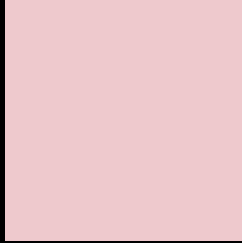
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 84, 13.964, 11.856 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, 13.964, 11.856

Background



This preview shows how black text looks on a background with the CIELCh color 84, 13.964, 11.856.

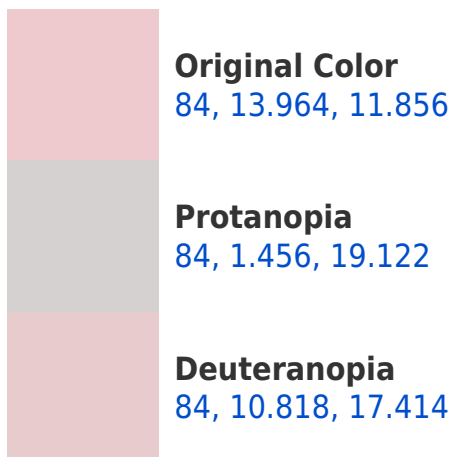


This preview shows how white text looks on a background with the CIELCh color 84, 13.964, 11.856.

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, 16.906, 350.986

Trichromacy



Original Color
84, 13.964, 11.856

Protanomaly
84, 5.913, 14.668

Deuteranomaly
84, 11.982, 15.282

Tritanomaly
84, 15.168, 358.263

Monochromacy



Original Color
84, 13.964, 11.856

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 4.795, 13.369

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 13.964, 11.856 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(238, 201, 205)` looks like.

```
.text, #text, p{  
    color:rgb(238, 201, 205)  
}
```

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(238, 201, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 201, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 13.964, 11.856 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(238, 201, 205) }
```

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

```
.border{ border-color:rgb(238, 201, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 201, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 201, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 201, 205);  
box-shadow:4px 4px 4px 4px rgb(238, 201,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 13.964, 11.856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 201, 205) }
```

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

```
.background{ background-color: rgb(238,  
201, 205) }
```

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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