

Converting Colors

CIELCh(84, 13.601, 11.587)

Have a look what the booklet for
CIELCh(84, 13.601, 11.587) contains.

| | |
|------------------------------------------------|----|
| CIELCh(84, 13.588, 11.581) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 20 |
| <i>Color Blindness Simulation</i> | 23 |
| <i>CSS Examples</i> | 26 |

Color

CIELCh(84, 13.588, 11.581)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | EDC9CD |
| RGB | 237, 201, 205 |
| RGB Percent | 93%, 79%, 80% |
| CMY | 0.0713, 0.2124, 0.1968 |
| CMYK | 0.00, 0.15, 0.14, 0.07 |
| HSL | 353°, 50%, 86% |
| HSV | 353°, 15%, 93% |
| XYZ | 66.7101, 64.0658, 66.4979 |
| YIQ | 212.2200, 20.1720, 8.8760 |

Conversions

Conversions Part 2

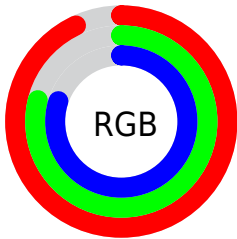
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 237, 201, 205 |
| Decimal | 15583693 |
| CIE Lab | 84.00, 13.31, 2.73 |
| CIE LCh | 84, 13.588, 11.581 |
| Yxy | 64.0658, 0.3382, 0.3248 |
| Android (android.graphics.Color) | 4293773773 (0xFFEDC9CD) |
| YUV | 212.2200, -3.5595, 21.7321 |
| Hunter-Lab | 80.0411, 8.6986, 6.7708 |

Details

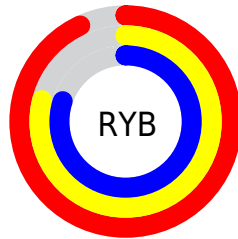
The CIELCh color **84, 13.588, 11.581** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91, 12.571, 189.093**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **64, 13.650, 11.430** is the 20% darker color. If you saturate the color by 10%, you get **78, 23.234, 12.762**, and if you desaturate by 10%, it is **90, 4.499, 10.552**.

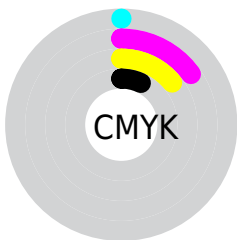
Distribution



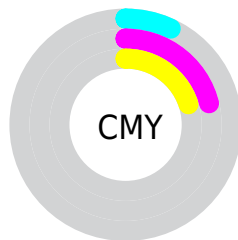
- Red (93%)
- Green (79%)
- Blue (80%)



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



- Cyan (0%)
- Magenta (15%)
- Yellow (14%)
- Black (7%)



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 13.588, 11.581 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, 13.588, 11.581 by changing the saturation by 10% instead.

 84, 13.588, 11.581

 84, 13.588, 11.581

 100, 13.588,
11.581

 74, 13.588, 11.581

 64, 13.588, 11.581

 54, 13.588, 11.581

 44, 13.588, 11.581

 34, 13.588, 11.581

 24, 13.588, 11.581

 14, 13.588, 11.581

 4, 13.588, 11.581

 0, 13.588, 11.581

84, 13.588, 11.581

84, 13.588, 11.581

78, 23.234, 12.762

90, 4.499, 10.552

72, 33.378, 14.203

97, 4.017, 190.048

66, 43.867, 16.014

99, 6.238, 199.117

61, 54.452, 18.316

57, 64.791, 21.249

54, 74.513, 24.920

51, 83.306, 29.296

50, 90.835, 33.991

50, 93.937, 35.996

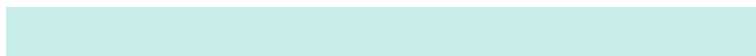
Harmonies

Complementary

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



84, 13.588, 11.581



91, 12.571, 189.093

Rectangle

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



84, 13.588, 11.581



84, 13.588, 61.581



84, 13.588, 191.581



84, 13.588, 241.581

Sweetspot

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



84, 13.586, 11.589



97, 4.594, 10.532



85, 22.088, 321.961



51, 3.141, 10.610



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, 13.586, 11.589



88, 17.243, 11.904



87, 11.026, 60.355



46, 4.948, 10.996



38, 76.110, 35.194



7, 28.119, 18.170

Inverse Universe

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



84, 13.586, 11.589



88, 17.243, 11.904



88, 10.300, 243.646



46, 4.948, 10.996



38, 76.110, 35.194



7, 28.119, 18.170

Previews

White Background



This preview shows how the CIELCh color 84, 13.588, 11.581 looks on a white background.

Color Contrast Check

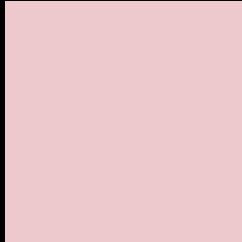
Large Text (above 18pt) WCAG AA × Fail

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, 13.588, 11.581 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, 13.588, 11.581

Background



This preview shows how black text looks on a background with the CIELCh color 84, 13.588, 11.581.



This preview shows how white text looks on a background with the CIELCh color 84, 13.588, 11.581.

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, 13.588, 11.581

Protanopia

84, 1.456, 19.122

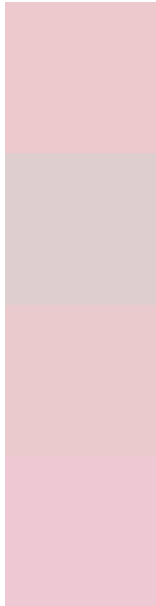
Deuteranopia

84, 10.818, 17.414



Tritanopia
84, 16.586, 350.309

Trichromacy



Original Color
84, 13.588, 11.581

Protanomaly
84, 5.913, 14.668

Deuteranomaly
84, 11.982, 15.282

Tritanomaly
84, 15.168, 358.263

Monochromacy



Original Color
84, 13.588, 11.581

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, 13.588, 11.581 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(237, 201, 205)` looks like.

```
.text, #text, p{  
    color:rgb(237, 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(237, 201, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 201, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 13.588, 11.581 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(237, 201, 205) }
```

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

```
.border{ border-color:rgb(237, 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(237, 201, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 201, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 201, 205);  
box-shadow:4px 4px 4px 4px rgb(237, 201,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 13.588, 11.581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 201, 205) }
```

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

```
.background{ background-color: rgb(237,  
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](#).

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