

Converting Colors

CIELCh(87, 13.856, 11.805)

Have a look what the booklet for
CIELCh(87, 13.856, 11.805) contains.

CIELCh(87, 13.856, 11.805)	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(87, 13.856, 11.805)

Conversions

Conversions Part 1

Format	Color
Hex	F6D1D5
RGB	246, 209, 213
RGB Percent	96%, 82%, 84%
CMY	0.0352, 0.1803, 0.1647
CMYK	0.00, 0.15, 0.13, 0.04
HSL	354°, 67%, 89%
HSV	354°, 15%, 96%
XYZ	72.8254, 70.0064, 72.6328
YIQ	220.5190, 20.7680, 9.0880

Conversions

Conversions Part 2

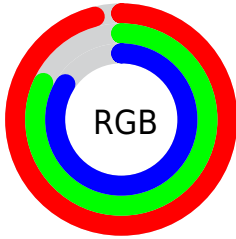
Format	Color
R _Y B	246, 209, 213
Decimal	16175573
CIE Lab	87.00, 13.56, 2.83
CIE LCh	87, 13.856, 11.805
Yxy	70.0064, 0.3380, 0.3249
Android (android.graphics.Color)	4294365653 (0xFFFF6D1D5)
YUV	220.5190, -3.7069, 22.3468
Hunter-Lab	83.6698, 8.9424, 7.0999

Details

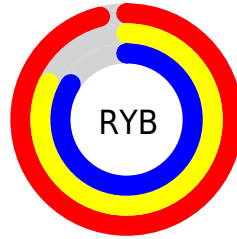
The CIELCh color **87, 13.856, 11.805** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **94, 12.820, 189.356**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **67, 13.464, 13.659** is the 20% darker color. If you saturate the color by 10%, you get **81, 23.799, 12.983**, and if you desaturate by 10%, it is **94, 4.493, 10.777**.

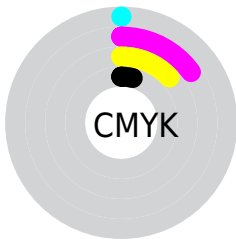
Distribution



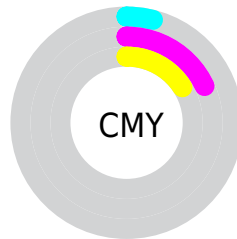
- Red (96%)
- Green (82%)
- Blue (84%)



- Red (96%)
- Yellow (82%)
- Blue (84%)



- Cyan (0%)
- Magenta (15%)
- Yellow (13%)
- Black (4%)



- Cyan (4%)
- Magenta (18%)
- Yellow (16%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 13.856, 11.805 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 87, 13.856, 11.805 by changing the saturation by 10% instead.

 87, 13.856, 11.805

 87, 13.856, 11.805

 100, 13.856,
11.805

 77, 13.856, 11.805

 67, 13.856, 11.805

 57, 13.856, 11.805

 47, 13.856, 11.805

 37, 13.856, 11.805

 27, 13.856, 11.805

 17, 13.856, 11.805

 7, 13.856, 11.805

 0, 13.856, 11.805

87, 13.856, 11.805

87, 13.856, 11.805

81, 23.799, 12.983

94, 4.493, 10.777

75, 34.263, 14.421

99, 3.109, 199.421

69, 45.093, 16.229

64, 56.031, 18.531

59, 66.727, 21.466

56, 76.795, 25.140

53, 85.907, 29.514

52, 93.696, 34.188

51, 96.962, 36.242

Harmonies

Complementary

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



87, 13.856, 11.805



94, 12.820, 189.356

Rectangle

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



87, 13.856, 11.805



87, 13.856, 61.805



87, 13.856, 191.805



87, 13.856, 241.805

Sweetspot

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



87, 13.854, 11.813



97, 4.591, 10.774



88, 22.541, 321.955



51, 3.139, 10.852



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

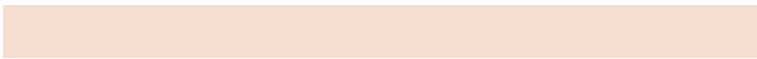
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87, 13.854, 11.813



88, 17.236, 12.141



90, 11.248, 60.367



48, 5.122, 11.240



39, 77.926, 35.451



8, 30.398, 20.632

Inverse Universe

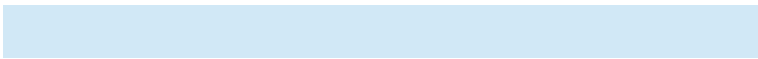
The Inverse Universe completely reimagines the original color for something new.



87, 13.854, 11.813



88, 17.236, 12.141



91, 10.514, 243.630



48, 5.122, 11.240



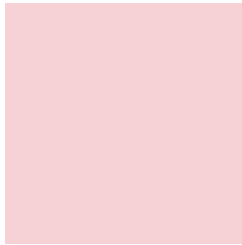
39, 77.926, 35.451



8, 30.398, 20.632

Previews

White Background



This preview shows how the CIELCh color 87, 13.856, 11.805 looks on a white background.

Color Contrast Check

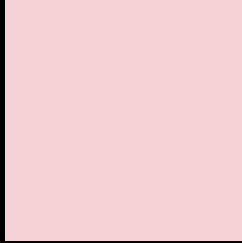
Large Text (above 18pt) WCAG AA × Fail

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 87, 13.856, 11.805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

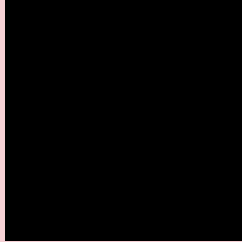
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 13.856, 11.805

Background



This preview shows how black text looks on a background with the CIELCh color 87, 13.856, 11.805.



This preview shows how white text looks on a background with the CIELCh color 87, 13.856, 11.805.

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

87, 13.856, 11.805

Protanopia

87, 1.887, 3.161

Deuteranopia

87, 11.127, 14.832



Tritanopia
87, 17.036, 349.388

Trichromacy



Original Color
87, 13.856, 11.805

Protanomaly
87, 6.296, 10.253

Deuteranomaly
87, 12.299, 13.012

Tritanomaly
87, 15.584, 356.975

Monochromacy



Original Color
87, 13.856, 11.805

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 4.756, 13.347

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 13.856, 11.805 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(246, 209, 213)` looks like.

```
.text, #text, p{  
    color:rgb(246, 209, 213)  
}
```

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(246, 209, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 209, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 13.856, 11.805 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(246, 209, 213) }
```

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

```
.border{ border-color:rgb(246, 209, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 209, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 209, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 209, 213); box-shadow:4px 4px 4px 4px rgb(246, 209, 213) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 13.856, 11.805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 209, 213) }
```

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

```
.background{ background-color: rgb(246,  
209, 213) }
```

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