

Converting Colors

CIELCh(87, 13.950, 32.827)

Have a look what the booklet for
CIELCh(87, 13.950, 32.827) contains.

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Color

CIELCh(87, 13.921, 33.240)

Conversions

Conversions Part 1

Format	Color
Hex	F6D2CC
RGB	246, 210, 204
RGB Percent	96%, 82%, 80%
CMY	0.0355, 0.1767, 0.2002
CMYK	0.00, 0.15, 0.17, 0.04
HSL	9°, 70%, 88%
HSV	9°, 17%, 96%
XYZ	71.9125, 70.0064, 66.8152
YIQ	220.0800, 23.3820, 5.7660

Conversions

Conversions Part 2

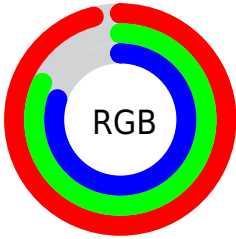
Format	Color
R _Y B	246, 211, 204
Decimal	16175820
CIE Lab	87.00, 11.64, 7.63
CIE LCh	87, 13.921, 33.240
Yxy	70.0064, 0.3445, 0.3354
Android (android.graphics.Color)	4294365900 (0xFFFF6D2CC)
YUV	220.0800, -7.9274, 22.7318
Hunter-Lab	83.6698, 6.9950, 11.2224

Details

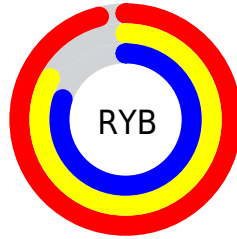
The CIELCh color **87, 13.921, 33.240** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92, 12.405, 213.242**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **67, 13.923, 31.910** is the 20% darker color. If you saturate the color by 10%, you get **81, 23.024, 33.586**, and if you desaturate by 10%, it is **93, 5.531, 33.017**.

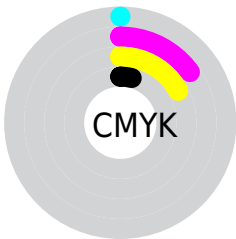
Distribution



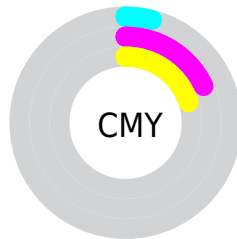
- Red (96%)
- Green (82%)
- Blue (80%)



- Red (96%)
- Yellow (83%)
- Blue (80%)



- Cyan (0%)
- Magenta (15%)
- Yellow (17%)
- Black (4%)



- Cyan (4%)
- Magenta (18%)
- Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 13.921, 33.240 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, 13.921, 33.240 by changing the saturation by 10% instead.

 87, 13.921, 33.240

 87, 13.921, 33.240

 100, 13.921,
33.240

 77, 13.921, 33.240

 67, 13.921, 33.240

 57, 13.921, 33.240

 47, 13.921, 33.240

 37, 13.921, 33.240

 27, 13.921, 33.240

 17, 13.921, 33.240

 7, 13.921, 33.240

 0, 13.921, 33.240

87, 13.921, 33.240

87, 13.921, 33.240

81, 23.024, 33.586

93, 5.531, 33.017

76, 32.874, 34.111

99, 2.196, 213.381

71, 43.459, 34.885

99, 3.133, 199.418

66, 54.694, 35.961

62, 66.383, 37.363

58, 78.117, 39.025

55, 89.005, 40.641

53, 97.196, 41.464

53, 99.107, 41.677

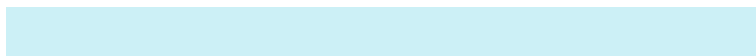
Harmonies

Complementary

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



87, 13.921, 33.240



92, 12.405, 213.242

Rectangle

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



87, 13.921, 33.240



87, 13.921, 83.240



87, 13.921, 213.240



87, 13.921, 263.240

Sweetspot

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



87, 13.920, 33.251



97, 3.990, 32.949



87, 24.189, 329.317



51, 2.730, 32.976



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

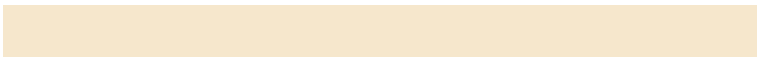
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87, 13.920, 33.251



88, 16.999, 33.334



92, 14.870, 86.155



48, 4.470, 33.075



40, 80.035, 41.988



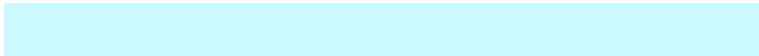
10, 28.315, 32.663

Inverse Universe

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



92, 12.405, 213.242



95, 14.821, 213.289



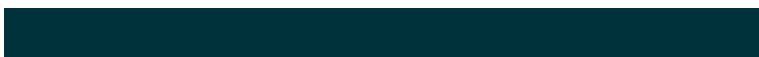
87, 14.715, 270.814



50, 4.204, 213.194



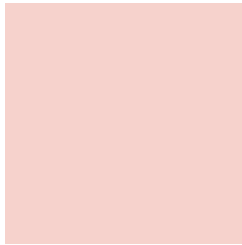
60, 34.459, 223.163



18, 15.430, 219.152

Previews

White Background



This preview shows how the CIELCh color 87, 13.921, 33.240 looks on a white background.

Color Contrast Check

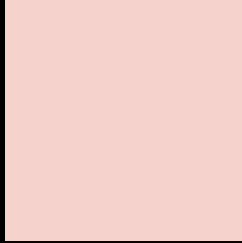
Large Text (above 18pt) WCAG AA × Fail

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, 13.921, 33.240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

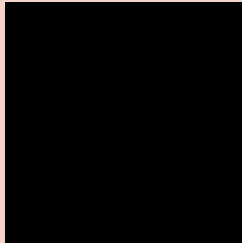
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 13.921, 33.240

Background



This preview shows how black text looks on a background with the CIELCh color 87, 13.921, 33.240.

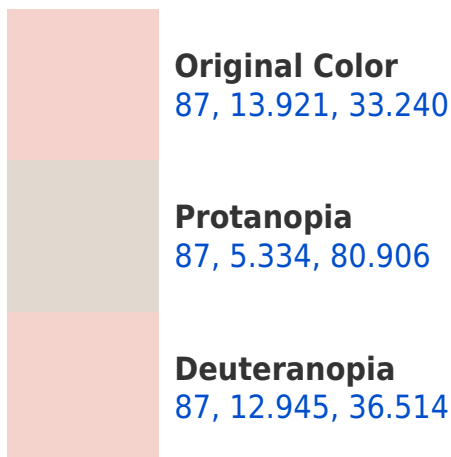


This preview shows how white text looks on a background with the CIELCh color 87, 13.921, 33.240.

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
87, 17.109, 351.582

Trichromacy



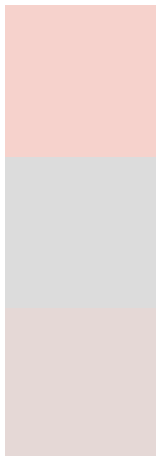
Original Color
87, 13.921, 33.240

Protanomaly
87, 7.600, 48.407

Deuteranomaly
87, 13.316, 36.073

Tritanomaly
87, 14.960, 4.396

Monochromacy



Original Color
87, 13.921, 33.240

Achromatopsia
88, 0.010, 296.813

Achromatomaly
87, 4.856, 31.999

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 13.921, 33.240 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, 210, 204)` looks like.

```
.text, #text, p{  
    color:rgb(246, 210, 204)  
}
```

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, 210, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 210, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 13.921, 33.240 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, 210, 204) }
```

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

```
.border{ border-color:rgb(246, 210, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 210, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 210, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 210, 204);  
box-shadow:4px 4px 4px 4px rgb(246, 210,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 13.921, 33.240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 210, 204) }
```

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

```
.background{ background-color: rgb(246,  
210, 204) }
```

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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