

Converting Colors

CIELCh(87, 14.956, 17.036)

Have a look what the booklet for
CIELCh(87, 14.956, 17.036) contains.

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Color

CIELCh(87, 14.940, 16.523)

Conversions

Conversions Part 1

Format	Color
Hex	F8D0D2
RGB	248, 208, 210
RGB Percent	97%, 82%, 82%
CMY	0.0259, 0.1828, 0.1749
CMYK	0.00, 0.16, 0.15, 0.03
HSL	357°, 75%, 90%
HSV	357°, 16%, 97%
XYZ	73.1889, 70.0064, 70.8836
YIQ	220.1880, 23.1980, 9.1020

Conversions

Conversions Part 2

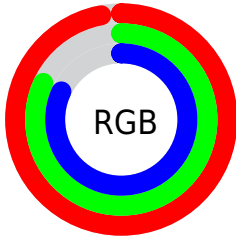
Format	Color
R _Y B	248, 208, 210
Decimal	16306386
CIE Lab	87.00, 14.32, 4.25
CIE LCh	87, 14.940, 16.523
Yxy	70.0064, 0.3419, 0.3270
Android (android.graphics.Color)	4294496466 (0xFFFF8D0D2)
YUV	220.1880, -5.0227, 24.3911
Hunter-Lab	83.6698, 9.7181, 8.3394

Details

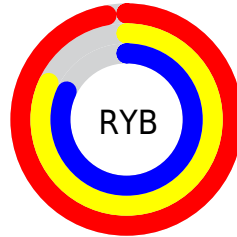
The CIELCh color **87, 14.940, 16.523** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 13.580, 194.228**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **67, 14.669, 16.503** is the 20% darker color. If you saturate the color by 10%, you get **81, 25.086, 17.634**, and if you desaturate by 10%, it is **94, 5.461, 15.593**.

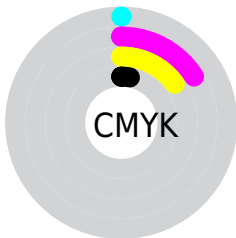
Distribution



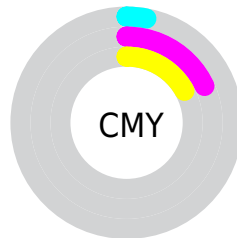
- Red (97%)
- Green (82%)
- Blue (82%)



- Red (97%)
- Yellow (82%)
- Blue (82%)



- Cyan (0%)
- Magenta (16%)
- Yellow (15%)
- Black (3%)



- Cyan (3%)
- Magenta (18%)
- Yellow (17%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 14.940, 16.523 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, 14.940, 16.523 by changing the saturation by 10% instead.

 87, 14.940, 16.523

 87, 14.940, 16.523

 100, 14.940,
16.523

 77, 14.940, 16.523

 67, 14.940, 16.523

 57, 14.940, 16.523

 47, 14.940, 16.523

 37, 14.940, 16.523

 27, 14.940, 16.523

 17, 14.940, 16.523

 7, 14.940, 16.523

 0, 14.940, 16.523

87, 14.940, 16.523

87, 14.940, 16.523

81, 25.086, 17.634

94, 5.461, 15.593

74, 35.854, 19.025

100, 2.285,
199.550

69, 47.105, 20.808

64, 58.595, 23.107

59, 69.976, 26.038

56, 80.835, 29.646

53, 90.654, 33.729

52, 98.418, 37.552

52, 100.600,
38.601

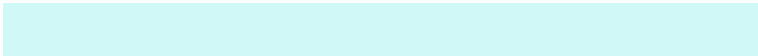
Harmonies

Complementary

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



87, 14.940, 16.523



95, 13.580, 194.228

Rectangle

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



87, 14.940, 16.523



87, 14.940, 66.523



87, 14.940, 196.523



87, 14.940, 246.523

Sweetspot

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



87, 14.938, 16.531



97, 4.549, 15.482



88, 24.822, 323.924



51, 3.111, 15.554



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

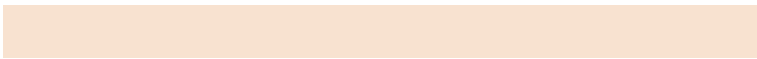
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87, 14.938, 16.531



87, 18.190, 16.829



91, 12.427, 67.925



49, 5.171, 15.908



39, 81.277, 38.079



9, 31.839, 24.139

Inverse Universe

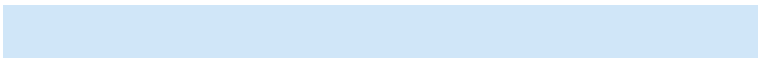
The Inverse Universe completely reimagines the original color for something new.



87, 14.938, 16.531



87, 18.190, 16.829



90, 11.760, 251.982



49, 5.171, 15.908



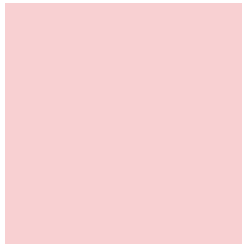
39, 81.277, 38.079



9, 31.839, 24.139

Previews

White Background



This preview shows how the CIELCh color 87, 14.940, 16.523 looks on a white background.

Color Contrast Check

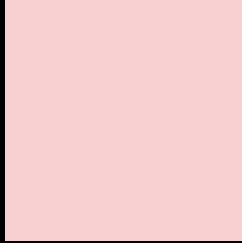
Large Text (above 18pt) WCAG AA × Fail

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, 14.940, 16.523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

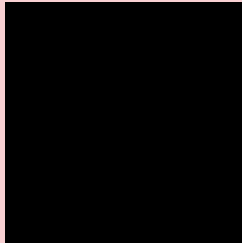
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 14.940, 16.523

Background



This preview shows how black text looks on a background with the CIELCh color 87, 14.940, 16.523.

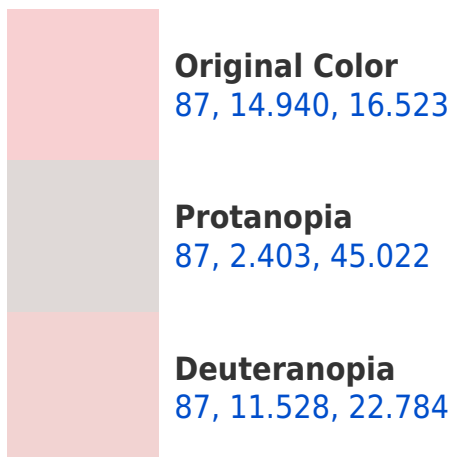


This preview shows how white text looks on a background with the CIELCh color 87, 14.940, 16.523.

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, 18.321, 351.947

Trichromacy



Original Color
87, 14.940, 16.523

Protanomaly
87, 6.623, 24.303

Deuteranomaly
87, 12.644, 20.303

Tritanomaly
87, 16.461, 0.337

Monochromacy



Original Color
87, 14.940, 16.523

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 5.491, 14.263

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 14.940, 16.523 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(248, 208, 210)` looks like.

```
.text, #text, p{  
    color:rgb(248, 208, 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(248, 208, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 208, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 14.940, 16.523 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(248, 208, 210) }
```

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

```
.border{ border-color:rgb(248, 208, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 208, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 208, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 208, 210);  
box-shadow:4px 4px 4px 4px rgb(248, 208,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 14.940, 16.523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 208, 210) }
```

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

```
.background{ background-color: rgb(248,  
208, 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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