

Converting Colors

CIELCh(84, 15.937, 3.467)

Have a look what the booklet for
CIELCh(84, 15.937, 3.467) contains.

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Color

CIELCh(84, 15.937, 3.467)

Conversions

Conversions Part 1

Format	Color
Hex	F0C7D0
RGB	240, 199, 208
RGB Percent	94%, 78%, 82%
CMY	0.0580, 0.2188, 0.1835
CMYK	0.00, 0.17, 0.13, 0.06
HSL	347°, 58%, 86%
HSV	347°, 17%, 94%
XYZ	67.8864, 64.0658, 68.5935
YIQ	212.2850, 21.5470, 11.4910

Conversions

Conversions Part 2

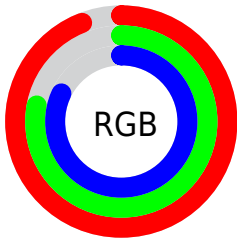
Format	Color
R _Y B	240, 199, 208
Decimal	15779792
CIE Lab	84.00, 15.91, 0.96
CIE LCh	84, 15.937, 3.467
Yxy	64.0658, 0.3385, 0.3195
Android (android.graphics.Color)	4293969872 (0xFFFF0C7D0)
YUV	212.2850, -2.1125, 24.3061
Hunter-Lab	80.0411, 11.3219, 5.2185

Details

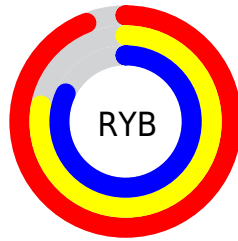
The CIELCh color **84, 15.937, 3.467** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92, 14.935, 180.239**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **64, 16.133, 3.088** is the 20% darker color. If you saturate the color by 10%, you get **78, 25.845, 4.751**, and if you desaturate by 10%, it is **90, 6.438, 2.354**.

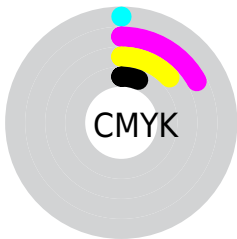
Distribution



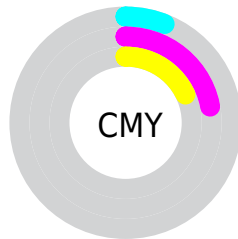
- Red (94%)
- Green (78%)
- Blue (82%)



- Red (94%)
- Yellow (78%)
- Blue (82%)



- Cyan (0%)
- Magenta (17%)
- Yellow (13%)
- Black (6%)



- Cyan (6%)
- Magenta (22%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 15.937, 3.467 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, 15.937, 3.467 by changing the saturation by 10% instead.



84, 15.937, 3.467

84, 15.937, 3.467

78, 25.845, 4.751

90, 6.438, 2.354

72, 36.045, 6.286

97, 2.591, 181.753

67, 46.314, 8.176

99, 5.091, 199.213

62, 56.321, 10.545

57, 65.655, 13.549

54, 73.923, 17.346

52, 80.922, 22.019

51, 86.778, 27.409

50, 88.447, 28.961

Harmonies

Complementary

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



84, 15.937, 3.467



92, 14.935, 180.239

Rectangle

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



84, 15.937, 3.467



84, 15.937, 53.467



84, 15.937, 183.467



84, 15.937, 233.467

Sweetspot

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



84, 15.935, 3.473



97, 4.755, 2.117



84, 24.345, 318.543



51, 3.249, 2.201



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, 15.935, 3.473



87, 19.736, 3.834



86, 12.746, 46.584



47, 5.196, 2.618



38, 71.692, 27.931



8, 28.948, 14.660

Inverse Universe

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



84, 15.935, 3.473



87, 19.736, 3.834



89, 11.494, 228.658



47, 5.196, 2.618



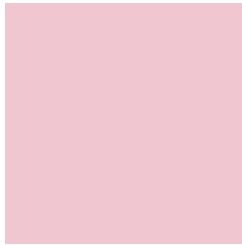
38, 71.692, 27.931



8, 28.948, 14.660

Previews

White Background



This preview shows how the CIELCh color 84, 15.937, 3.467 looks on a white background.

Color Contrast Check

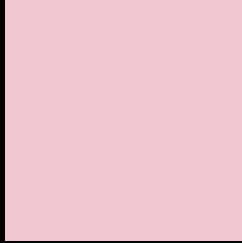
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 84, 15.937, 3.467 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

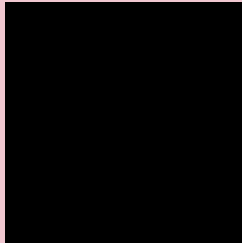
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 15.937, 3.467

Background



This preview shows how black text looks on a background with the CIELCh color 84, 15.937, 3.467.

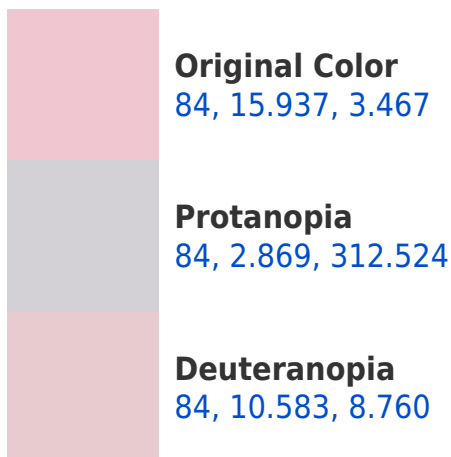


This preview shows how white text looks on a background with the CIELCh color 84, 15.937, 3.467.

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, 17.895, 352.888

Trichromacy



Original Color
84, 15.937, 3.467

Protanomaly
84, 7.238, 349.316

Deuteranomaly
84, 12.160, 7.887

Tritanomaly
84, 17.475, 355.980

Monochromacy



Original Color
84, 15.937, 3.467

Achromatopsia
85, 0.010, 296.813

Achromatomaly
84, 5.886, 358.857

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 15.937, 3.467 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(240, 199, 208)` looks like.

```
.text, #text, p{  
    color:rgb(240, 199, 208)  
}
```

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(240, 199, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 199, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 15.937, 3.467 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(240, 199, 208) }
```

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

```
.border{ border-color:rgb(240, 199, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 199, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 199, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 199, 208);  
box-shadow:4px 4px 4px 4px rgb(240, 199,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 15.937, 3.467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 199, 208) }
```

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

```
.background{ background-color: rgb(240,  
199, 208) }
```

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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