

Converting Colors

CIELCh(84, 9.933, 35.640)

Have a look what the booklet for
CIELCh(84, 9.933, 35.640) contains.

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Color

CIELCh(84, 10.113, 35.048)

Conversions

Conversions Part 1

Format	Color
Hex	E6CCC7
RGB	230, 204, 199
RGB Percent	90%, 80%, 78%
CMY	0.0984, 0.2004, 0.2200
CMYK	0.00, 0.11, 0.13, 0.10
HSL	10°, 38%, 84%
HSV	10°, 13%, 90%
XYZ	64.4693, 64.0658, 62.9425
YIQ	211.2040, 17.1010, 3.9570

Conversions

Conversions Part 2

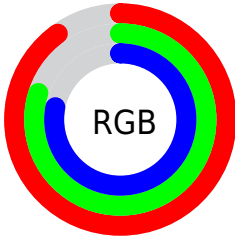
Format	Color
R _Y B	230, 205, 199
Decimal	15125703
CIE Lab	84.00, 8.28, 5.81
CIE LCh	84, 10.113, 35.048
Yxy	64.0658, 0.3367, 0.3346
Android (android.graphics.Color)	4293315783 (0xFFE6CCC7)
YUV	211.2040, -6.0166, 16.4841
Hunter-Lab	80.0411, 3.7013, 9.4044

Details

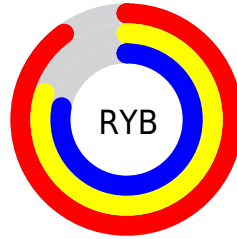
The CIELCh color **84, 10.113, 35.048** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88, 9.256, 215.339**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **64, 10.012, 36.243** is the 20% darker color. If you saturate the color by 10%, you get **79, 18.368, 35.248**, and if you desaturate by 10%, it is **89, 2.505, 34.849**.

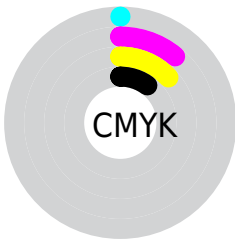
Distribution



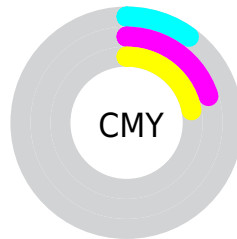
- Red (90%)
- Green (80%)
- Blue (78%)



- Red (90%)
- Yellow (80%)
- Blue (78%)



- Cyan (0%)
- Magenta (11%)
- Yellow (13%)
- Black (10%)



- Cyan (10%)
- Magenta (20%)
- Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 10.113, 35.048 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, 10.113, 35.048 by changing the saturation by 10% instead.

 84, 10.113, 35.048

 84, 10.113, 35.048

 100, 10.113,
35.048

 74, 10.113, 35.048

 64, 10.113, 35.048

 54, 10.113, 35.048

 44, 10.113, 35.048

 34, 10.113, 35.048

 24, 10.113, 35.048

 14, 10.113, 35.048

 4, 10.113, 35.048

 0, 10.113, 35.048

84, 10.113, 35.048

84, 10.113, 35.048

79, 18.368, 35.248

89, 2.505, 34.849

74, 27.317, 35.587

95, 4.508, 215.295

69, 36.969, 36.135

98, 8.553, 198.942

64, 47.285, 36.943

60, 58.141, 38.044

56, 69.256, 39.412

53, 80.023, 40.863

51, 89.099, 41.852

50, 93.527, 42.149

Harmonies

Complementary

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



84, 10.113, 35.048



88, 9.256, 215.339

Rectangle

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



84, 10.113, 35.048



84, 10.113, 85.048



84, 10.113, 215.048



84, 10.113, 265.048

Sweetspot

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



84, 10.112, 35.062



98, 3.137, 34.881



83, 17.845, 329.637



52, 2.236, 34.914



0, 0.000, 0.000



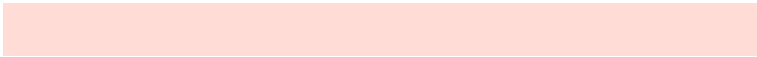
53, 0.007, 296.813

Same Dimension

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



84, 10.112, 35.062



91, 13.195, 35.100



88, 11.234, 88.042



45, 4.183, 35.009



39, 77.023, 42.482



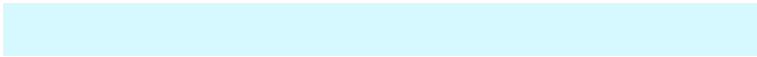
8, 24.228, 30.797

Inverse Universe

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



88, 9.256, 215.339



96, 11.857, 215.389



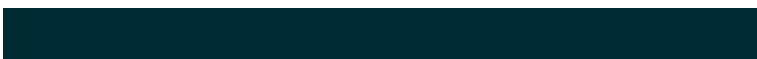
84, 11.181, 271.635



47, 3.937, 215.292



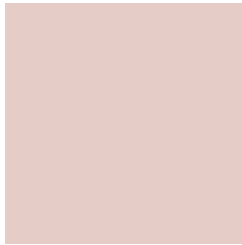
57, 33.315, 227.050



15, 14.045, 221.705

Previews

White Background



This preview shows how the CIELCh color 84, 10.113, 35.048 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, 10.113, 35.048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

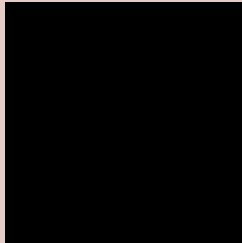
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 10.113, 35.048

Background



This preview shows how black text looks on a background with the CIELCh color 84, 10.113, 35.048.

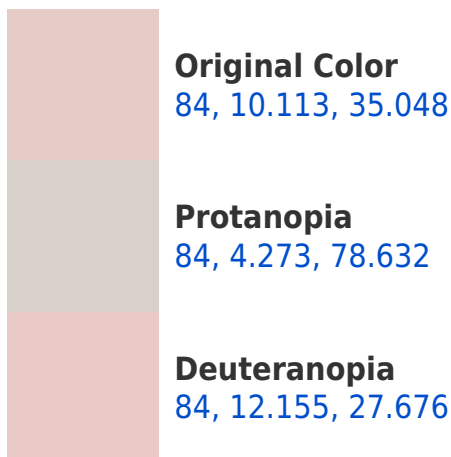


This preview shows how white text looks on a background with the CIELCh color 84, 10.113, 35.048.

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, 14.105, 343.887

Trichromacy



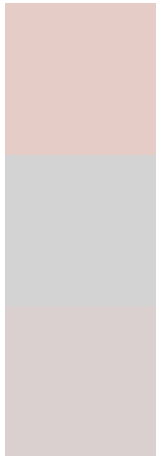
Original Color
84, 10.113, 35.048

Protanomaly
84, 5.750, 52.805

Deuteranomaly
84, 11.487, 30.679

Tritanomaly
84, 11.488, 358.839

Monochromacy



Original Color
84, 10.113, 35.048

Achromatopsia
85, 0.010, 296.813

Achromatomaly
84, 3.699, 27.678

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 10.113, 35.048 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(230, 204, 199)` looks like.

```
.text, #text, p{  
    color:rgb(230, 204, 199)  
}
```

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(230, 204, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 204, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 10.113, 35.048 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(230, 204, 199) }
```

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

```
.border{ border-color:rgb(230, 204, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 204, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 204, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 204, 199);  
box-shadow:4px 4px 4px 4px rgb(230, 204,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 10.113, 35.048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 204, 199) }
```

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

```
.background{ background-color: rgb(230,  
204, 199) }
```

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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