

Converting Colors

CIELCh(84, 19.035, 34.609)

Have a look what the booklet for
CIELCh(84, 19.035, 34.609) contains.

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Color

CIELCh(84, 18.770, 35.162)

Conversions

Conversions Part 1

Format	Color
Hex	F6C7BE
RGB	246, 199, 190
RGB Percent	96%, 78%, 75%
CMY	0.0358, 0.2201, 0.2554
CMYK	0.00, 0.19, 0.23, 0.04
HSL	10°, 75%, 85%
HSV	10°, 23%, 96%
XYZ	67.6303, 64.0658, 57.4419
YIQ	212.0270, 30.9010, 7.1650

Conversions

Conversions Part 2

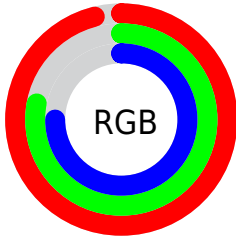
Format	Color
R _Y B	246, 201, 190
Decimal	16172990
CIE Lab	84.00, 15.34, 10.81
CIE LCh	84, 18.770, 35.162
Yxy	64.0658, 0.3576, 0.3387
Android (android.graphics.Color)	4294363070 (0xFFFF6C7BE)
YUV	212.0270, -10.8593, 29.7943
Hunter-Lab	80.0411, 10.7506, 13.4790

Details

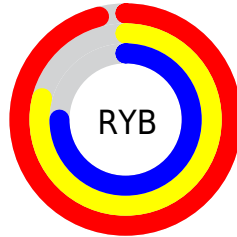
The CIELCh color **84, 18.770, 35.162** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91, 16.040, 215.500**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 4.553, 109.821**, and **64, 18.741, 34.621** is the 20% darker color. If you saturate the color by 10%, you get **79, 28.176, 35.503**, and if you desaturate by 10%, it is **90, 10.092, 34.988**.

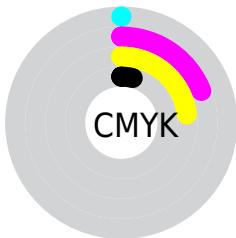
Distribution



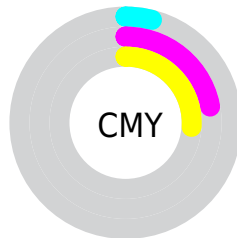
- Red (96%)
- Green (78%)
- Blue (75%)



- Red (96%)
- Yellow (79%)
- Blue (75%)



- Cyan (0%)
- Magenta (19%)
- Yellow (23%)
- Black (4%)



- Cyan (4%)
- Magenta (22%)
- Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 18.770, 35.162 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, 18.770, 35.162 by changing the saturation by 10% instead.

 84, 18.770, 35.162

 84, 18.770, 35.162

 100, 18.770,
35.162

 74, 18.770, 35.162

 64, 18.770, 35.162

 54, 18.770, 35.162

 44, 18.770, 35.162

 34, 18.770, 35.162

 24, 18.770, 35.162

 14, 18.770, 35.162

 4, 18.770, 35.162

 0, 18.770, 35.162

84, 18.770, 35.162

84, 18.770, 35.162

79, 28.176, 35.503

90, 10.092, 34.988

73, 38.331, 36.044

95, 2.101, 34.720

69, 49.193, 36.845

99, 3.162, 199.414

64, 60.636, 37.941

60, 72.372, 39.311

57, 83.778, 40.780

54, 93.468, 41.814

53, 98.517, 42.062

Harmonies

Complementary

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



84, 18.770, 35.162



91, 16.040, 215.500

Rectangle

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



84, 18.770, 35.162



84, 18.770, 85.162



84, 18.770, 215.162



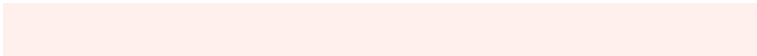
84, 18.770, 265.162

Sweetspot

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



84, 18.769, 35.170



96, 5.561, 34.904



83, 31.917, 330.226



51, 3.623, 34.915



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

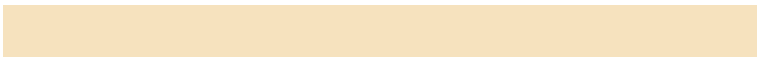
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84, 18.769, 35.170



84, 23.340, 35.291



91, 20.264, 86.820



48, 4.413, 34.944



40, 79.551, 42.404



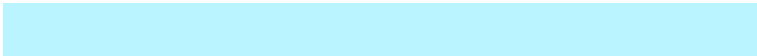
10, 28.044, 33.629

Inverse Universe

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



91, 16.040, 215.500



93, 19.293, 215.661



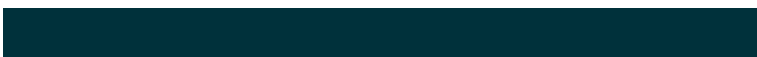
84, 20.065, 273.152



50, 4.152, 215.220



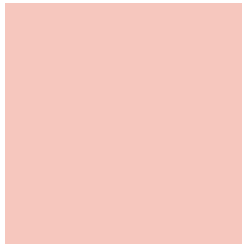
59, 34.370, 227.018



18, 15.336, 222.429

Previews

White Background



This preview shows how the CIELCh color 84, 18.770, 35.162 looks on a white background.

Color Contrast Check

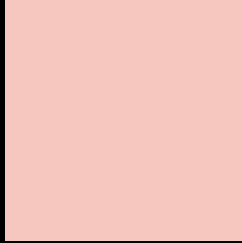
Large Text (above 18pt) WCAG AA × Fail

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 84, 18.770, 35.162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

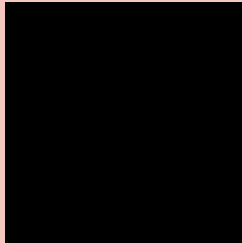
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 18.770, 35.162

Background



This preview shows how black text looks on a background with the CIELCh color 84, 18.770, 35.162.

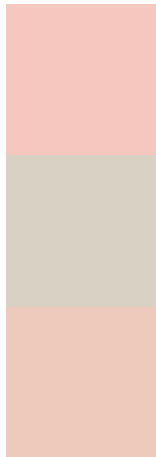


This preview shows how white text looks on a background with the CIELCh color 84, 18.770, 35.162.

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

84, 18.770, 35.162

Protanopia

84, 7.922, 87.316

Deuteranopia

84, 15.482, 46.299



Tritanopia
84, 20.787, 358.934

Trichromacy



Original Color
84, 18.770, 35.162

Protanomaly
84, 10.458, 56.797

Deuteranomaly
84, 16.698, 42.455

Tritanomaly
84, 19.049, 11.458

Monochromacy



Original Color
84, 18.770, 35.162

Achromatopsia
85, 0.010, 296.813

Achromatomaly
84, 6.485, 33.795

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 18.770, 35.162 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, 199, 190)` looks like.

```
.text, #text, p{  
    color:rgb(246, 199, 190)  
}
```

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, 199, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 199, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 18.770, 35.162 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, 199, 190) }
```

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

```
.border{ border-color:rgb(246, 199, 190) }
```

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

Here you see how a box with a 4 pixel rgb(246, 199, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 199, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 199, 190);  
box-shadow:4px 4px 4px 4px rgb(246, 199,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 18.770, 35.162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 199, 190) }
```

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

```
.background{ background-color: rgb(246,  
199, 190) }
```

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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