

Converting Colors

CIELCh(84, 18.310, 20.809)

Have a look what the booklet for
CIELCh(84, 18.310, 20.809) contains.

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Color

CIELCh(84, 18.222, 20.801)

Conversions

Conversions Part 1

Format	Color
Hex	F6C6C6
RGB	246, 198, 198
RGB Percent	96%, 78%, 78%
CMY	0.0352, 0.2235, 0.2235
CMYK	0.00, 0.20, 0.20, 0.04
HSL	0°, 73%, 87%
HSV	0°, 20%, 96%
XYZ	68.4010, 64.0658, 62.1935
YIQ	212.3520, 28.6080, 10.1760

Conversions

Conversions Part 2

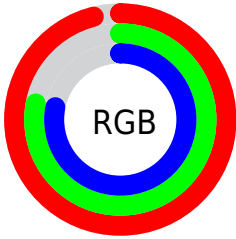
Format	Color
R _Y B	246, 198, 198
Decimal	16172742
CIE _{Lab}	84.00, 17.03, 6.47
CIE _{LCh}	84, 18.222, 20.801
Y _{xy}	64.0658, 0.3514, 0.3291
Android (android.graphics.Color)	4294362822 (0xFFFF6C6C6)
Y _{UV}	212.3520, -7.0755, 29.5093
Hunter-Lab	80.0411, 12.4694, 9.9593

Details

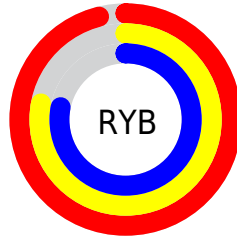
The CIELCh color **84, 18.222, 20.801** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **94, 16.014, 198.421**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **64, 18.226, 21.192** is the 20% darker color. If you saturate the color by 10%, you get **78, 28.641, 21.887**, and if you desaturate by 10%, it is **91, 8.536, 19.950**.

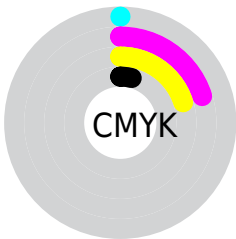
Distribution



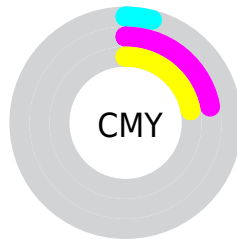
- Red (96%)
- Green (78%)
- Blue (78%)



- Red (96%)
- Yellow (78%)
- Blue (78%)



- Cyan (0%)
- Magenta (20%)
- Yellow (20%)
- Black (4%)



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 18.222, 20.801 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, 18.222, 20.801 by changing the saturation by 10% instead.

 84, 18.222, 20.801

 84, 18.222, 20.801

 100, 18.222,
20.801

 74, 18.222, 20.801

 64, 18.222, 20.801

 54, 18.222, 20.801

 44, 18.222, 20.801

 34, 18.222, 20.801

 24, 18.222, 20.801

 14, 18.222, 20.801

 4, 18.222, 20.801

 0, 18.222, 20.801

84, 18.222, 20.801

84, 18.222, 20.801

78, 28.641, 21.887

91, 8.536, 19.950

72, 39.743, 23.292

97, 0.420, 200.927

66, 51.379, 25.131

99, 3.110, 199.421

61, 63.283, 27.517

57, 75.068, 30.521

54, 86.182, 34.039

52, 95.575, 37.518

51, 101.510,
39.894

51, 101.770,
40.001

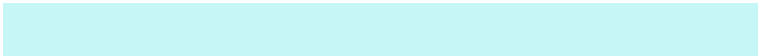
Harmonies

Complementary

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



84, 18.222, 20.801



94, 16.014, 198.421

Rectangle

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



84, 18.222, 20.801



84, 18.222, 70.801



84, 18.222, 200.801



84, 18.222, 250.801

Sweetspot

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



84, 18.220, 20.808



96, 5.467, 19.664



85, 30.305, 325.508



51, 3.636, 19.720



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, 18.220, 20.808



84, 22.419, 21.159



90, 15.448, 72.976



48, 5.080, 19.948



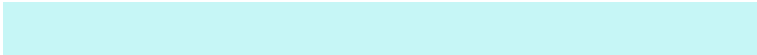
39, 82.549, 40.001



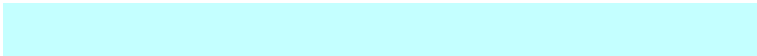
8, 31.022, 25.012

Inverse Universe

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



94, 16.014, 198.421



96, 19.206, 198.246



87, 14.669, 258.247



50, 4.782, 198.973



69, 39.555, 196.401



22, 17.587, 196.399

Previews

White Background



This preview shows how the CIELCh color 84, 18.222, 20.801 looks on a white background.

Color Contrast Check

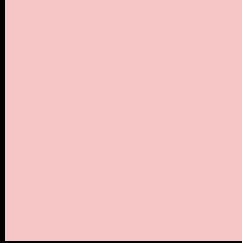
Large Text (above 18pt) WCAG AA × Fail

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, 18.222, 20.801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

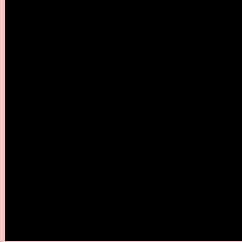
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 18.222, 20.801

Background



This preview shows how black text looks on a background with the CIELCh color 84, 18.222, 20.801.

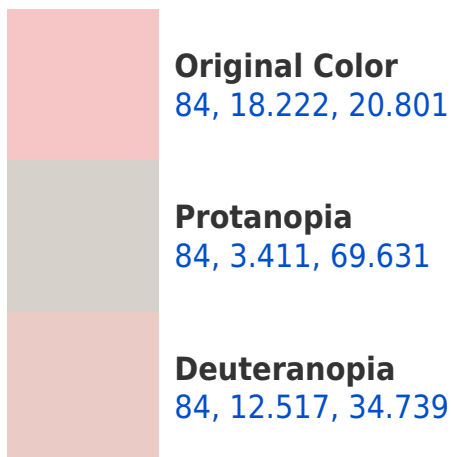


This preview shows how white text looks on a background with the CIELCh color 84, 18.222, 20.801.

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, 20.787, 358.934

Trichromacy



Original Color
84, 18.222, 20.801

Protanomaly
84, 7.973, 31.274

Deuteranomaly
84, 14.568, 28.686

Tritanomaly
84, 19.264, 6.830

Monochromacy



Original Color
84, 18.222, 20.801

Achromatopsia
85, 0.010, 296.813

Achromatomaly
84, 6.264, 19.785

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 18.222, 20.801 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, 198, 198)` looks like.

```
.text, #text, p{  
    color:rgb(246, 198, 198)  
}
```

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, 198, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 198, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 18.222, 20.801 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, 198, 198) }
```

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

```
.border{ border-color:rgb(246, 198, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 198, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 198, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 198, 198); box-shadow:4px 4px 4px 4px rgb(246, 198, 198) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 18.222, 20.801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 198, 198) }
```

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

```
.background{ background-color: rgb(246,  
198, 198) }
```

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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