

Converting Colors

CIELCh(84, 20.777, 26.015)

Have a look what the booklet for
CIELCh(84, 20.777, 26.015) contains.

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Color

CIELCh(84, 20.870, 26.694)

Conversions

Conversions Part 1

Format	Color
Hex	FBC5C1
RGB	251, 197, 193
RGB Percent	98%, 77%, 76%
CMY	0.0170, 0.2287, 0.2444
CMYK	0.00, 0.22, 0.23, 0.02
HSL	4°, 87%, 87%
HSV	4°, 23%, 98%
XYZ	69.1416, 64.0658, 58.9848
YIQ	212.6900, 33.4680, 10.2040

Conversions

Conversions Part 2

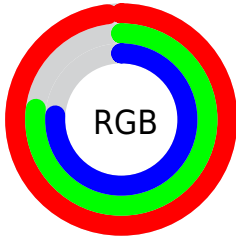
Format	Color
R_{YB}	251, 197, 193
Decimal	16500161
CIE _{Lab}	84.00, 18.65, 9.38
CIE _{LCh}	84, 20.870, 26.694
Yxy	64.0658, 0.3598, 0.3333
Android (android.graphics.Color)	4294690241 (0xFFFFBC5C1)
YUV	212.6900, -9.7072, 33.5979
Hunter-Lab	80.0411, 14.1211, 12.3361

Details

The CIELCh color **84, 20.870, 26.694** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **94, 17.778, 205.028**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 2.547, 102.010**, and **64, 21.003, 25.925** is the 20% darker color. If you saturate the color by 10%, you get **78, 31.126, 27.552**, and if you desaturate by 10%, it is **90, 11.367, 26.063**.

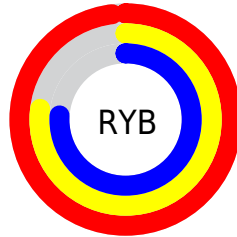
Distribution



Red (98%)

Green (77%)

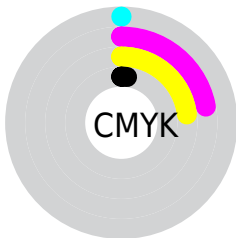
Blue (76%)



Red (98%)

Yellow (77%)

Blue (76%)

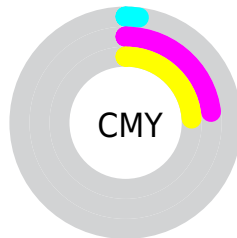


Cyan (0%)

Magenta (22%)

Yellow (23%)

Black (2%)



Cyan (2%)

Magenta (23%)

Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 20.870, 26.694 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, 20.870, 26.694 by changing the saturation by 10% instead.

 84, 20.870, 26.694

 84, 20.870, 26.694

 100, 20.870,
26.694

 74, 20.870, 26.694

 64, 20.870, 26.694

 54, 20.870, 26.694

 44, 20.870, 26.694

 34, 20.870, 26.694

 24, 20.870, 26.694

 14, 20.870, 26.694

 4, 20.870, 26.694

 0, 20.870, 26.694

84, 20.870, 26.694

84, 20.870, 26.694

78, 31.126, 27.552

90, 11.367, 26.063

72, 42.108, 28.699

96, 2.601, 25.430

67, 53.704, 30.223

100, 1.508,
199.749

63, 65.693, 32.195

59, 77.700, 34.620

56, 89.033, 37.298

54, 98.192, 39.551

53, 102.322,
40.541

Harmonies

Complementary

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



84, 20.870, 26.694



94, 17.778, 205.028

Rectangle

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



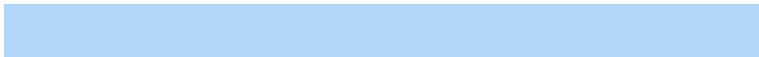
84, 20.870, 26.694



84, 20.870, 76.694



84, 20.870, 206.694



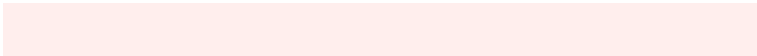
84, 20.870, 256.694

Sweetspot

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



84, 20.868, 26.701



95, 5.991, 25.724



85, 34.874, 327.603



50, 3.903, 25.759



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, 20.868, 26.701



82, 26.133, 27.086



91, 19.562, 79.253



49, 4.836, 25.863



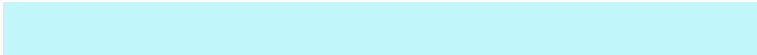
40, 82.427, 40.722



10, 30.808, 29.660

Inverse Universe

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



94, 17.778, 205.028



94, 21.429, 204.959



86, 18.844, 265.802



51, 4.546, 205.371



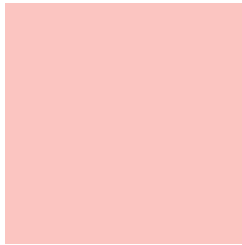
65, 36.601, 208.186



21, 16.716, 206.570

Previews

White Background



This preview shows how the CIELCh color 84, 20.870, 26.694 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, 20.870, 26.694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

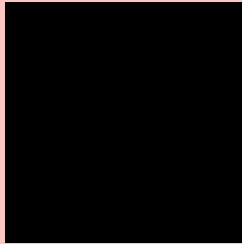
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 20.870, 26.694

Background



This preview shows how black text looks on a background with the CIELCh color 84, 20.870, 26.694.

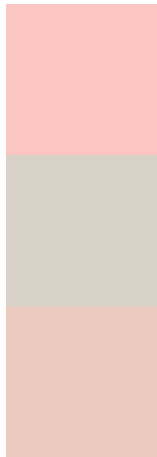


This preview shows how white text looks on a background with the CIELCh color 84, 20.870, 26.694.

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, 20.870, 26.694

Protanopia

84, 5.842, 83.285

Deuteranopia

84, 14.401, 41.563



Tritanopia
84, 23.296, 1.691

Trichromacy



Original Color
84, 20.870, 26.694

Protanomaly
84, 9.972, 44.787

Deuteranomaly
84, 16.669, 35.041

Tritanomaly
84, 21.849, 10.172

Monochromacy



Original Color
84, 20.870, 26.694

Achromatopsia
85, 0.010, 296.813

Achromatomaly
84, 7.424, 23.926

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 20.870, 26.694 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(251, 197, 193)` looks like.

```
.text, #text, p{  
    color:rgb(251, 197, 193)  
}
```

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(251, 197, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 197, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 20.870, 26.694 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(251, 197, 193) }
```

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

```
.border{ border-color:rgb(251, 197, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 197, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 197, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 197, 193);  
box-shadow:4px 4px 4px 4px rgb(251, 197,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 20.870, 26.694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 197, 193) }
```

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

```
.background{ background-color: rgb(251,  
197, 193) }
```

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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