

Converting Colors

CIELCh(88, 27.757, 40.144)

Have a look what the booklet for
CIELCh(88, 27.757, 40.144) contains.

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Color

CIELCh(86, 21.488, 44.850)

Conversions

Conversions Part 1

Format	Color
Hex	FECCBB
RGB	254, 204, 187
RGB Percent	100%, 80%, 73%
CMY	0.0033, 0.1991, 0.2658
CMYK	0.00, 0.20, 0.26, 0.00
HSL	15°, 98%, 87%
HSV	15°, 26%, 100%
XYZ	71.5724, 67.9871, 56.4910
YIQ	217.0120, 35.2570, 5.3130

Conversions

Conversions Part 2

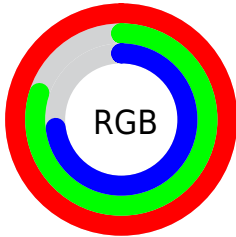
Format	Color
RYB	254, 210, 187
Decimal	16698555
CIELab	86.00, 15.23, 15.15
CIELCh	86, 21.488, 44.850
Yxy	67.9871, 0.3651, 0.3468
Android (android.graphics.Color)	4294888635 (0xFFFECCBB)
YUV	217.0120, -14.7959, 32.4385
Hunter-Lab	82.4543, 10.6474, 17.0973

Details

The CIELCh color **86, 21.488, 44.850** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91, 18.109, 227.800**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 6.073, 109.711**, and **66, 21.278, 45.205** is the 20% darker color. If you saturate the color by 10%, you get **81, 30.894, 44.683**, and if you desaturate by 10%, it is **91, 12.795, 45.144**.

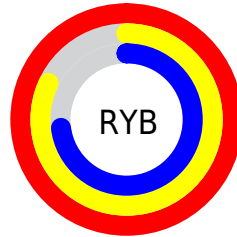
Distribution



Red (100%)

Green (80%)

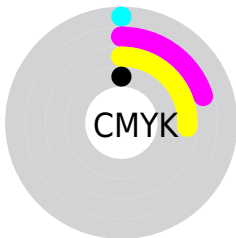
Blue (73%)



Red (100%)

Yellow (82%)

Blue (73%)

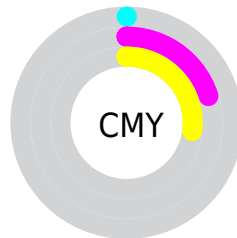


Cyan (0%)

Magenta (20%)

Yellow (26%)

Black (0%)



Cyan (0%)

Magenta (20%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 21.488, 44.850 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 86, 21.488, 44.850 by changing the saturation by 10% instead.

86, 21.488, 44.850

86, 21.488, 44.850

100, 21.488,
44.850

76, 21.488, 44.850

66, 21.488, 44.850

56, 21.488, 44.850

46, 21.488, 44.850

36, 21.488, 44.850

26, 21.488, 44.850

16, 21.488, 44.850

6, 21.488, 44.850

0, 21.488, 44.850

86, 21.488, 44.850

86, 21.488, 44.850

81, 30.894, 44.683

91, 12.795, 45.144

76, 41.038, 44.654

96, 4.768, 45.461

72, 51.887, 44.796

100, 0.288,
201.688

68, 63.305, 45.101

64, 74.935, 45.488

60, 85.951, 45.697

58, 94.676, 45.134

57, 97.270, 44.835

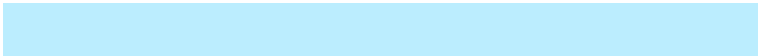
Harmonies

Complementary

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



86, 21.488, 44.850



91, 18.109, 227.800

Rectangle

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



86, 21.488, 44.850



86, 21.488, 94.850



86, 21.488, 224.850



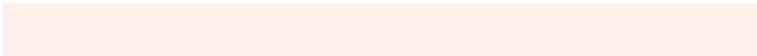
86, 21.488, 274.850

Sweetspot

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



86, 21.487, 44.858



96, 6.074, 45.417



83, 35.376, 334.131



50, 4.343, 45.371



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



86, 21.487, 44.858



83, 26.794, 44.743



94, 26.471, 94.002



50, 4.343, 45.371



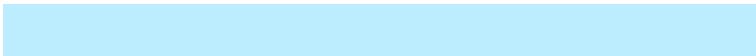
43, 78.054, 45.329



12, 29.194, 40.521

Inverse Universe

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



91, 18.109, 227.800



89, 21.642, 228.416



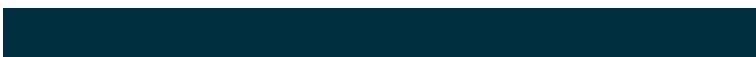
82, 26.961, 281.027



51, 4.106, 226.493



55, 37.035, 247.159



18, 16.534, 240.727

Previews

White Background



This preview shows how the CIELCh color 86, 21.488, 44.850 looks on a white background.

Color Contrast Check

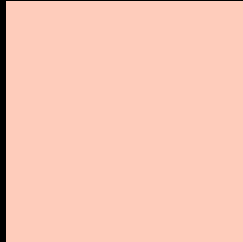
Large Text (above 18pt) WCAG AA × Fail

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 86, 21.488, 44.850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

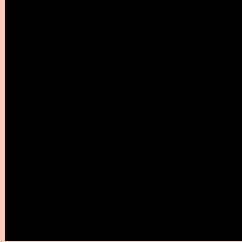
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 21.488, 44.850

Background



This preview shows how black text looks on a background with the CIELCh color 86, 21.488, 44.850.



This preview shows how white text looks on a background with the CIELCh color 86, 21.488, 44.850.

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

86, 21.512, 44.848

Protanopia

86, 12.082, 90.970

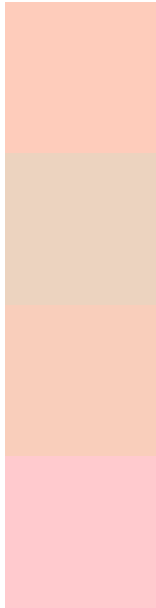
Deuteranopia

86, 18.475, 54.482



Tritanopia
86, 21.389, 359.723

Trichromacy



Original Color
86, 21.512, 44.848

Protanomaly
86, 14.198, 66.975

Deuteranomaly
86, 19.532, 50.734

Tritanomaly
86, 20.032, 15.010

Monochromacy



Original Color
86, 21.512, 44.848

Achromatopsia
87, 0.010, 296.813

Achromatomaly
86, 7.711, 43.729

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 21.488, 44.850 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(254, 204, 187)` looks like.

```
.text, #text, p{  
    color:rgb(254, 204, 187)  
}
```

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(254, 204, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 204, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 21.488, 44.850 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(254, 204, 187) }
```

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

```
.border{ border-color:rgb(254, 204, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 204, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 204, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 204, 187);  
box-shadow:4px 4px 4px 4px rgb(254, 204,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 21.488, 44.850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 204, 187) }
```

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

```
.background{ background-color: rgb(254,  
204, 187) }
```

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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