

Converting Colors

CIELCh(86, 21.129, 54.767)

Have a look what the booklet for
CIELCh(86, 21.129, 54.767) contains.

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Color

CIELCh(86, 21.129, 54.767)

Conversions

Conversions Part 1

Format	Color
Hex	FACEB7
RGB	250, 206, 183
RGB Percent	98%, 81%, 72%
CMY	0.0190, 0.1916, 0.2818
CMYK	0.00, 0.18, 0.27, 0.02
HSL	21°, 87%, 85%
HSV	21°, 27%, 98%
XYZ	70.1448, 67.9871, 54.3012
YIQ	216.5340, 33.6070, 2.1750

Conversions

Conversions Part 2

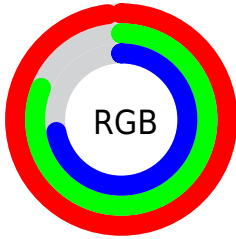
Format	Color
R _Y B	250, 218, 183
Decimal	16436919
CIE Lab	86.00, 12.19, 17.26
CIE LCh	86, 21.129, 54.767
Yxy	67.9871, 0.3645, 0.3533
Android (android.graphics.Color)	4294626999 (0xFFFFACEB7)
YUV	216.5340, -16.5323, 29.3497
Hunter-Lab	82.4543, 7.5570, 18.6719

Details

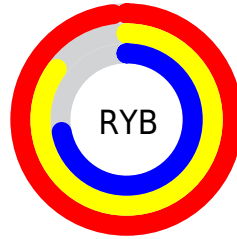
The CIELCh color **86, 21.129, 54.767** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88, 18.275, 240.043**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 8.099, 109.562**, and **66, 21.261, 55.043** is the 20% darker color. If you saturate the color by 10%, you get **82, 30.110, 54.088**, and if you desaturate by 10%, it is **91, 12.767, 55.520**.

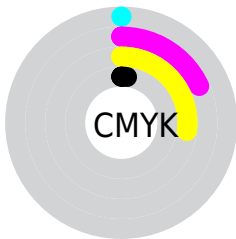
Distribution



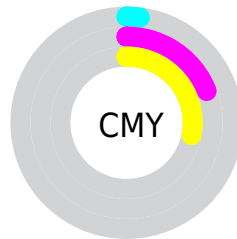
- Red (98%)
- Green (81%)
- Blue (72%)



- Red (98%)
- Yellow (85%)
- Blue (72%)



- Cyan (0%)
- Magenta (18%)
- Yellow (27%)
- Black (2%)




- Cyan (2%)
- Magenta (19%)
- Yellow (28%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 21.129, 54.767 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, 21.129, 54.767 by changing the saturation by 10% instead.

 86, 21.129, 54.767

 86, 21.129, 54.767

 100, 21.129,
54.767

 76, 21.129, 54.767

 66, 21.129, 54.767

 56, 21.129, 54.767

 46, 21.129, 54.767

 36, 21.129, 54.767

 26, 21.129, 54.767

 16, 21.129, 54.767

 6, 21.129, 54.767

 0, 21.129, 54.767

86, 21.129, 54.767

86, 21.129, 54.767

82, 30.110, 54.088

91, 12.767, 55.520

77, 39.734, 53.479

95, 4.980, 56.261

73, 49.967, 52.954

100, 1.684,
199.692

69, 60.671, 52.487

66, 71.482, 51.979

63, 81.576, 51.174

60, 89.468, 49.570

59, 91.625, 49.003

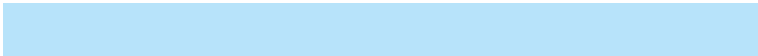
Harmonies

Complementary

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



86, 21.129, 54.767



88, 18.275, 240.043

Rectangle

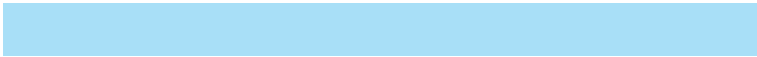
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86, 21.129, 54.767



86, 21.129, 104.767



86, 21.129, 234.767



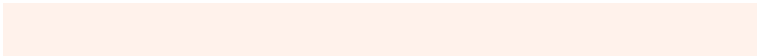
86, 21.129, 284.767

Sweetspot

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



86, 21.128, 54.775



96, 5.988, 56.178



82, 33.537, 337.680



51, 4.279, 56.070



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, 21.128, 54.775



85, 26.137, 54.406



94, 28.803, 99.280



50, 4.208, 56.071



45, 73.673, 49.625



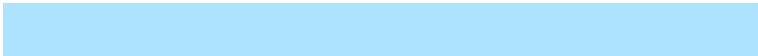
13, 26.801, 46.827

Inverse Universe

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



88, 18.275, 240.043



88, 21.880, 240.883



79, 29.918, 285.976



50, 4.019, 237.914



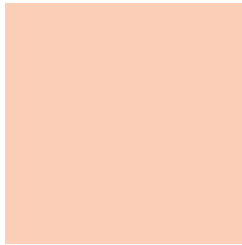
50, 42.119, 263.839



15, 17.682, 256.218

Previews

White Background



This preview shows how the CIELCh color 86, 21.129, 54.767 looks on a white background.

Color Contrast Check

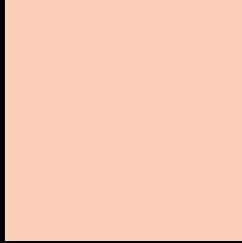
Large Text (above 18pt) WCAG AA × Fail

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 86, 21.129, 54.767 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, 21.129, 54.767

Background



This preview shows how black text looks on a background with the CIELCh color 86, 21.129, 54.767.



This preview shows how white text looks on a background with the CIELCh color 86, 21.129, 54.767.

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, 21.129, 54.767

Protanopia

86, 15.199, 92.882

Deuteranopia

86, 20.471, 57.746



Tritanopia
86, 21.208, 357.981

Trichromacy



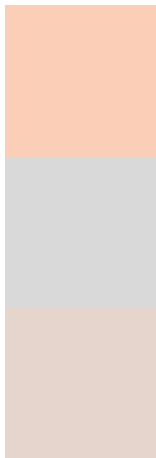
Original Color
86, 21.129, 54.767

Protanomaly
86, 16.252, 75.990

Deuteranomaly
86, 20.791, 57.088

Tritanomaly
86, 18.853, 17.686

Monochromacy



Original Color
86, 21.129, 54.767

Achromatopsia
87, 0.010, 296.813

Achromatomaly
86, 7.252, 54.798

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 21.129, 54.767 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(250, 206, 183)` looks like.

```
.text, #text, p{  
    color:rgb(250, 206, 183)  
}
```

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(250, 206, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 206, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 21.129, 54.767 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(250, 206, 183) }
```

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

```
.border{ border-color:rgb(250, 206, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 206, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 206, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 206, 183);  
box-shadow:4px 4px 4px 4px rgb(250, 206,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 21.129, 54.767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 206, 183) }
```

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

```
.background{ background-color: rgb(250,  
206, 183) }
```

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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