

Converting Colors

CIELCh(86, 18.746, 47.572)

Have a look what the booklet for
CIELCh(86, 18.746, 47.572) contains.

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Color

CIELCh(86, 18.682, 46.842)

Conversions

Conversions Part 1

Format	Color
Hex	F9CEBE
RGB	249, 206, 190
RGB Percent	98%, 81%, 75%
CMY	0.0236, 0.1922, 0.2550
CMYK	0.00, 0.17, 0.24, 0.02
HSL	16°, 83%, 86%
HSV	16°, 24%, 98%
XYZ	70.4196, 67.9871, 58.1161
YIQ	217.0330, 30.7640, 4.1400

Conversions

Conversions Part 2

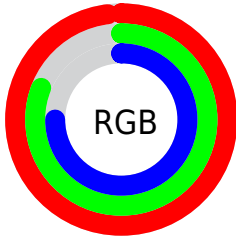
Format	Color
R _Y B	249, 212, 190
Decimal	16371390
CIE Lab	86.00, 12.78, 13.63
CIE LCh	86, 18.682, 46.842
Yxy	67.9871, 0.3583, 0.3460
Android (android.graphics.Color)	4294561470 (0xFFFF9CEBE)
YUV	217.0330, -13.3273, 28.0351
Hunter-Lab	82.4543, 8.1519, 15.9287

Details

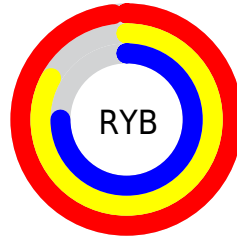
The CIELCh color **86, 18.682, 46.842** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90, 16.115, 229.884**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 4.553, 109.821**, and **66, 18.613, 46.856** is the 20% darker color. If you saturate the color by 10%, you get **81, 27.665, 46.539**, and if you desaturate by 10%, it is **91, 10.374, 47.251**.

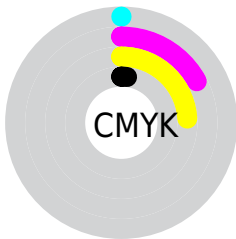
Distribution



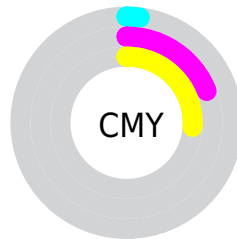
- Red (98%)
- Green (81%)
- Blue (75%)



- Red (98%)
- Yellow (83%)
- Blue (75%)



- Cyan (0%)
- Magenta (17%)
- Yellow (24%)
- Black (2%)



- Cyan (2%)
- Magenta (19%)
- Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 18.682, 46.842 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, 18.682, 46.842 by changing the saturation by 10% instead.

 86, 18.682, 46.842

 86, 18.682, 46.842

 100, 18.682,
46.842

 76, 18.682, 46.842

 66, 18.682, 46.842

 56, 18.682, 46.842

 46, 18.682, 46.842

 36, 18.682, 46.842

 26, 18.682, 46.842

 16, 18.682, 46.842

 6, 18.682, 46.842

 0, 18.682, 46.842

86, 18.682, 46.842

86, 18.682, 46.842

81, 27.665, 46.539

91, 10.374, 47.251

76, 37.358, 46.353

96, 2.690, 47.586

72, 47.750, 46.314

100, 2.087,
199.590

68, 58.743, 46.424

64, 70.068, 46.626

61, 81.078, 46.723

58, 90.396, 46.235

56, 94.901, 45.558

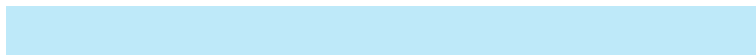
Harmonies

Complementary

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



86, 18.682, 46.842



90, 16.115, 229.884

Rectangle

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



86, 18.682, 46.842



86, 18.682, 96.842



86, 18.682, 226.842



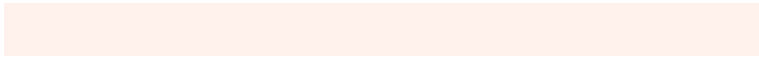
86, 18.682, 276.842

Sweetspot

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



86, 18.681, 46.851



96, 5.265, 47.521



83, 30.937, 334.599



51, 3.429, 47.499



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, 18.681, 46.851



86, 22.904, 46.703



93, 23.771, 95.473



49, 4.247, 47.426



43, 76.579, 46.075



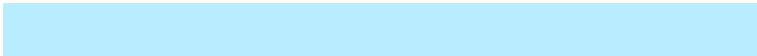
12, 27.710, 41.180

Inverse Universe

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



90, 16.115, 229.884



90, 19.159, 230.358



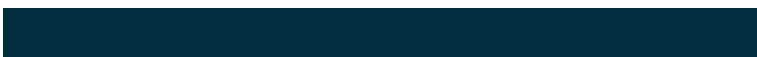
82, 24.249, 281.625



50, 4.023, 228.699



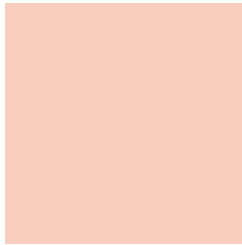
54, 37.464, 250.648



16, 16.293, 243.620

Previews

White Background



This preview shows how the CIELCh color 86, 18.682, 46.842 looks on a white background.

Color Contrast Check

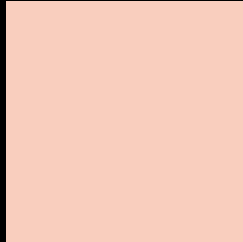
Large Text (above 18pt) WCAG AA × Fail

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, 18.682, 46.842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

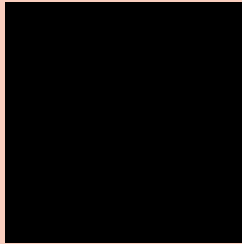
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 18.682, 46.842

Background



This preview shows how black text looks on a background with the CIELCh color 86, 18.682, 46.842.



This preview shows how white text looks on a background with the CIELCh color 86, 18.682, 46.842.

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, 18.682, 46.842
Protanopia
86, 11.467, 92.031
Deuteranopia
86, 17.205, 51.171



Tritanopia
86, 20.166, 356.602

Trichromacy



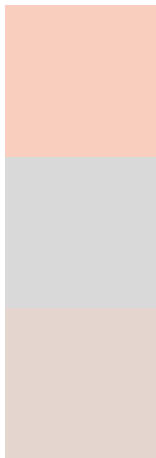
Original Color
86, 18.682, 46.842

Protanomaly
86, 12.757, 70.578

Deuteranomaly
86, 17.546, 50.526

Tritanomaly
86, 18.135, 12.567

Monochromacy



Original Color
86, 18.682, 46.842

Achromatopsia
87, 0.010, 296.813

Achromatomaly
86, 6.687, 47.597

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 18.682, 46.842 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(249, 206, 190)` looks like.

```
.text, #text, p{  
    color:rgb(249, 206, 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(249, 206, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 206, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 18.682, 46.842 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(249, 206, 190) }
```

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

```
.border{ border-color:rgb(249, 206, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 206, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 206, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 206, 190);  
box-shadow:4px 4px 4px 4px rgb(249, 206,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 18.682, 46.842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 206, 190) }
```

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

```
.background{ background-color: rgb(249,  
206, 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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