

Converting Colors

CIELCh(86, 20.806, 60.940)

Have a look what the booklet for
CIELCh(86, 20.806, 60.940) contains.

CIELCh(86, 20.876, 60.488)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(86, 20.876, 60.488)

Conversions

Conversions Part 1

Format	Color
Hex	F7CFB5
RGB	247, 207, 181
RGB Percent	97%, 81%, 71%
CMY	0.0299, 0.1868, 0.2888
CMYK	0.00, 0.16, 0.27, 0.03
HSL	24°, 81%, 84%
HSV	24°, 27%, 97%
XYZ	69.2610, 67.9871, 53.3729
YIQ	215.9960, 32.1860, 0.3940

Conversions

Conversions Part 2

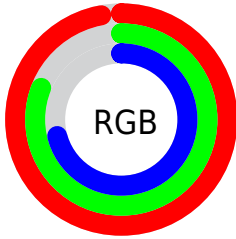
Format	Color
RYB	247, 224, 181
Decimal	16240565
CIELab	86.00, 10.28, 18.17
CIELCh	86, 20.876, 60.488
Yxy	67.9871, 0.3633, 0.3567
Android (android.graphics.Color)	4294430645 (0xFFF7CFB5)
YUV	215.9960, -17.2530, 27.1905
Hunter-Lab	82.4543, 5.6437, 19.3394

Details

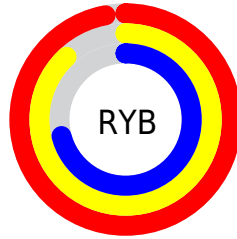
The CIELCh color **86, 20.876, 60.488** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86, 18.461, 246.733**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 9.112, 109.487**, and **66, 20.994, 61.003** is the 20% darker color. If you saturate the color by 10%, you get **82, 29.671, 59.566**, and if you desaturate by 10%, it is **90, 12.632, 61.455**.

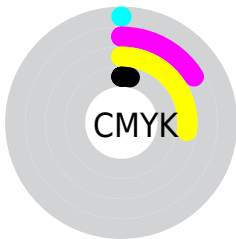
Distribution



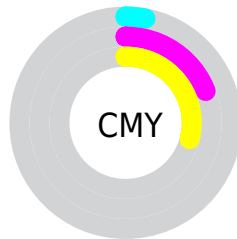
- Red (97%)
- Green (81%)
- Blue (71%)



- Red (97%)
- Yellow (88%)
- Blue (71%)



- Cyan (0%)
- Magenta (16%)
- Yellow (27%)
- Black (3%)



- Cyan (3%)
- Magenta (19%)
- Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 20.876, 60.488 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, 20.876, 60.488 by changing the saturation by 10% instead.

 86, 20.876, 60.488

 86, 20.876, 60.488

 100, 20.876,
60.488

 76, 20.876, 60.488

 66, 20.876, 60.488

 56, 20.876, 60.488

 46, 20.876, 60.488

 36, 20.876, 60.488

 26, 20.876, 60.488

 16, 20.876, 60.488

 6, 20.876, 60.488

 0, 20.876, 60.488

86, 20.876, 60.488

86, 20.876, 60.488

82, 29.671, 59.566

90, 12.632, 61.455

78, 39.031, 58.680

94, 4.902, 62.388

74, 48.918, 57.835

99, 2.180, 238.290

70, 59.183, 57.002

99, 2.644, 199.488

67, 69.454, 56.077

64, 78.924, 54.818

61, 86.225, 52.774

60, 88.281, 52.037

Harmonies

Complementary

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



86, 20.876, 60.488



86, 18.461, 246.733

Rectangle

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



86, 20.876, 60.488



86, 20.876, 110.488



86, 20.876, 240.488



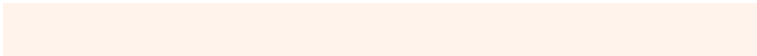
86, 20.876, 290.488

Sweetspot

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



86, 20.876, 60.497



96, 6.034, 62.273



81, 32.013, 339.997



51, 4.309, 62.137



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, 20.876, 60.497



86, 26.115, 59.993



94, 29.858, 102.082



50, 4.238, 62.138



47, 71.639, 52.685



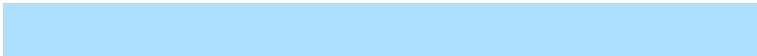
14, 26.305, 51.305

Inverse Universe

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



86, 18.461, 246.733



86, 22.450, 247.698



78, 31.300, 288.475



50, 4.077, 244.295



47, 46.474, 271.590



14, 19.092, 264.005

Previews

White Background



This preview shows how the CIELCh color 86, 20.876, 60.488 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, 20.876, 60.488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

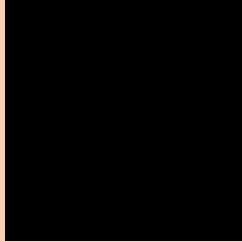
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 20.876, 60.488

Background



This preview shows how black text looks on a background with the CIELCh color 86, 20.876, 60.488.

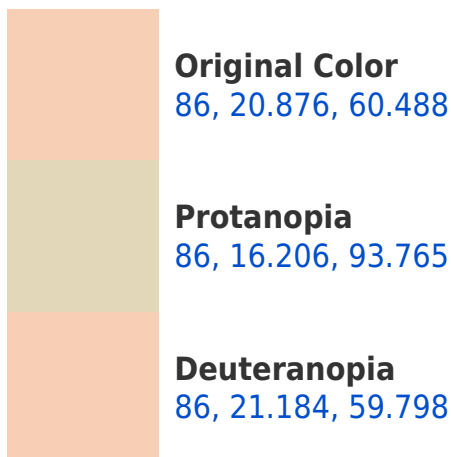


This preview shows how white text looks on a background with the CIELCh color 86, 20.876, 60.488.

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
86, 20.166, 356.602

Trichromacy



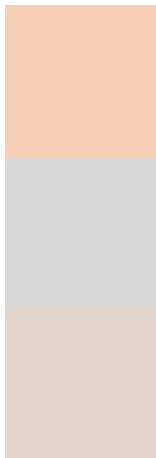
Original Color
86, 20.876, 60.488

Protanomaly
86, 16.951, 78.851

Deuteranomaly
86, 21.184, 59.798

Tritanomaly
86, 17.307, 18.986

Monochromacy



Original Color
86, 20.876, 60.488

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 7.365, 64.709

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 20.876, 60.488 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(247, 207, 181)` looks like.

```
.text, #text, p{  
    color:rgb(247, 207, 181)  
}
```

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(247, 207, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 207, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 20.876, 60.488 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(247, 207, 181) }
```

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

```
.border{ border-color:rgb(247, 207, 181) }
```

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

Here you see how a box with a 4 pixel rgb(247, 207, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 207, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 207, 181);  
box-shadow:4px 4px 4px 4px rgb(247, 207,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 20.876, 60.488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 207, 181) }
```

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

```
.background{ background-color: rgb(247,  
207, 181) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor