

Converting Colors

CIELCh(86, 25.430, 58.815)

Have a look what the booklet for
CIELCh(86, 25.430, 58.815) contains.

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Color

CIELCh(86, 25.204, 58.500)

Conversions

Conversions Part 1

Format	Color
Hex	FECDAF
RGB	254, 205, 175
RGB Percent	100%, 80%, 69%
CMY	0.0030, 0.1952, 0.3129
CMYK	0.00, 0.19, 0.31, 0.00
HSL	23°, 98%, 84%
HSV	23°, 31%, 100%
XYZ	70.6021, 67.9871, 50.0699
YIQ	216.2310, 38.8340, 1.0580

Conversions

Conversions Part 2

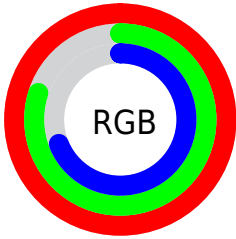
Format	Color
RYB	254, 223, 175
Decimal	16698799
CIELab	86.00, 13.17, 21.49
CIELCh	86, 25.204, 58.500
Yxy	67.9871, 0.3742, 0.3604
Android (android.graphics.Color)	4294888879 (0xFFFECDAF)
YUV	216.2310, -20.3269, 33.1234
Hunter-Lab	82.4543, 8.5468, 21.7145

Details

The CIELCh color **86, 25.204, 58.500** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **87, 21.611, 245.650**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 12.147, 109.259**, and **66, 25.318, 59.290** is the 20% darker color. If you saturate the color by 10%, you get **82, 34.484, 57.661**, and if you desaturate by 10%, it is **90, 16.519, 59.399**.

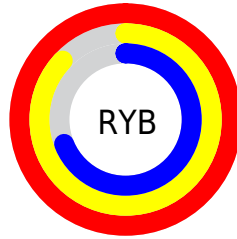
Distribution



Red (100%)

Green (80%)

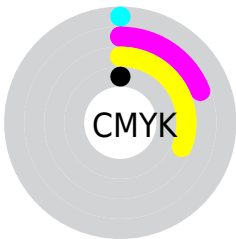
Blue (69%)



Red (100%)

Yellow (87%)

Blue (69%)

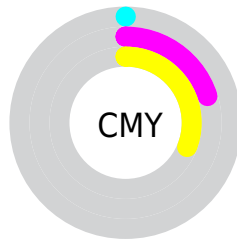


Cyan (0%)

Magenta (19%)

Yellow (31%)

Black (0%)



Cyan (0%)

Magenta (20%)

Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 25.204, 58.500 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, 25.204, 58.500 by changing the saturation by 10% instead.

 86, 25.204, 58.500

 86, 25.204, 58.500

 100, 25.204,
58.500

 76, 25.204, 58.500

 66, 25.204, 58.500

 56, 25.204, 58.500

 46, 25.204, 58.500

 36, 25.204, 58.500

 26, 25.204, 58.500

 16, 25.204, 58.500

 6, 25.204, 58.500

 0, 25.204, 58.500

86, 25.204, 58.500

86, 25.204, 58.500

82, 34.484, 57.661

90, 16.519, 59.399

78, 44.357, 56.871

95, 8.396, 60.307

74, 54.747, 56.127

99, 0.787, 60.638

70, 65.424, 55.372

100, 0.266,
201.884

67, 75.842, 54.453

64, 84.894, 53.024

61, 90.899, 51.088

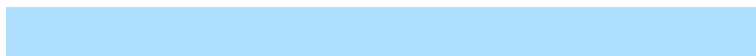
Harmonies

Complementary

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



86, 25.204, 58.500



87, 21.611, 245.650

Rectangle

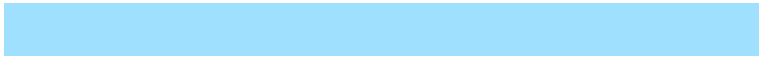
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86, 25.204, 58.500



86, 25.204, 108.500



86, 25.204, 238.500



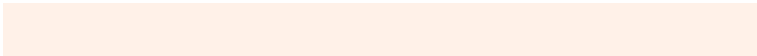
86, 25.204, 288.500

Sweetspot

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



86, 25.204, 58.507



96, 6.789, 60.490



80, 38.541, 339.601



51, 4.740, 60.362



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, 25.204, 58.507



84, 30.699, 58.000



95, 34.949, 100.682



51, 4.296, 60.446



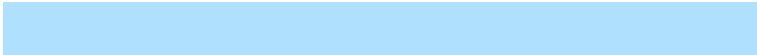
47, 72.949, 51.745



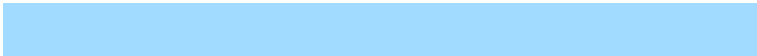
14, 27.641, 50.387

Inverse Universe

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



87, 21.611, 245.650



85, 25.444, 246.797



77, 36.854, 288.412



51, 4.123, 242.527



48, 45.661, 269.594



15, 19.255, 262.344

Previews

White Background



This preview shows how the CIELCh color 86, 25.204, 58.500 looks on a white background.

Color Contrast Check

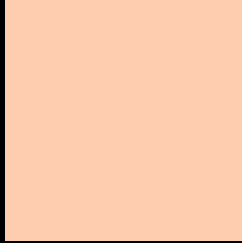
Large Text (above 18pt) WCAG AA × Fail

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, 25.204, 58.500 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, 25.204, 58.500

Background



This preview shows how black text looks on a background with the CIELCh color 86, 25.204, 58.500.

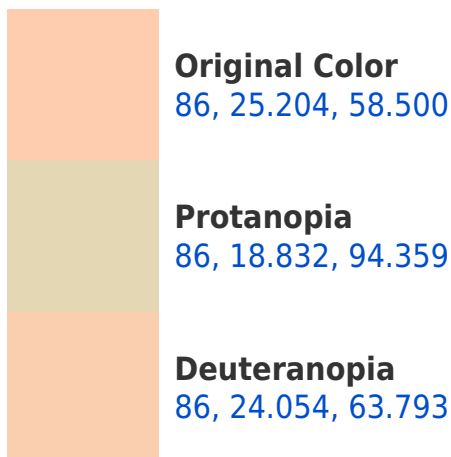


This preview shows how white text looks on a background with the CIELCh color 86, 25.204, 58.500.

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, 21.238, 1.054

Trichromacy



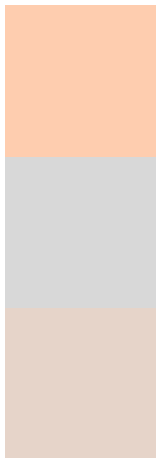
Original Color
86, 25.204, 58.500

Protanomaly
86, 20.078, 78.316

Deuteranomaly
86, 24.600, 61.082

Tritanomaly
86, 19.787, 23.879

Monochromacy



Original Color
86, 25.204, 58.500

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 8.851, 60.118

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 25.204, 58.500 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, 205, 175)` looks like.

```
.text, #text, p{  
    color:rgb(254, 205, 175)  
}
```

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, 205, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 205, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 25.204, 58.500 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, 205, 175) }
```

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

```
.border{ border-color:rgb(254, 205, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 205, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 205, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 205, 175);  
box-shadow:4px 4px 4px 4px rgb(254, 205,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 25.204, 58.500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 205, 175) }
```

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

```
.background{ background-color: rgb(254,  
205, 175) }
```

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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