

Converting Colors

CIELCh(86, 26.112, 57.930)

Have a look what the booklet for
CIELCh(86, 26.112, 57.930) contains.

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Color

CIELCh(86, 25.885, 58.770)

Conversions

Conversions Part 1

Format	Color
Hex	FFCDAE
RGB	255, 205, 174
RGB Percent	100%, 80%, 68%
CMY	0.0000, 0.1960, 0.3176
CMYK	0.00, 0.20, 0.32, 0.00
HSL	23°, 100%, 84%
HSV	23°, 32%, 100%
XYZ	70.7198, 67.9871, 49.4457
YIQ	216.4160, 39.7510, 0.9590

Conversions

Conversions Part 2

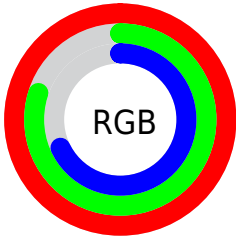
Format	Color
R _Y B	255, 224, 174
Decimal	16764334
CIE Lab	86.00, 13.42, 22.13
CIE LCh	86, 25.885, 58.770
Yxy	67.9871, 0.3759, 0.3613
Android (android.graphics.Color)	4294954414 (0xFFFFCDAE)
YUV	216.4160, -20.9111, 33.8382
Hunter-Lab	82.4543, 8.8018, 22.1633

Details

The CIELCh color **86, 25.885, 58.770** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **87, 22.143, 246.180**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 12.652, 109.221**, and **66, 26.051, 59.522** is the 20% darker color. If you saturate the color by 10%, you get **82, 35.217, 57.927**, and if you desaturate by 10%, it is **90, 17.138, 59.686**.

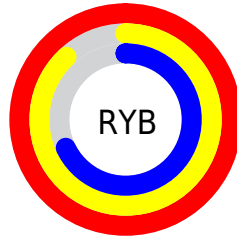
Distribution



Red (100%)

Green (80%)

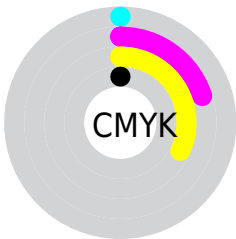
Blue (68%)



Red (100%)

Yellow (88%)

Blue (68%)

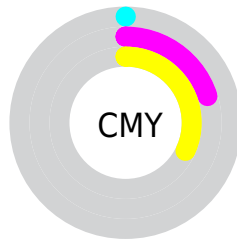


Cyan (0%)

Magenta (20%)

Yellow (32%)

Black (0%)



Cyan (0%)

Magenta (20%)

Yellow (32%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 25.885, 58.770 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, 25.885, 58.770 by changing the saturation by 10% instead.

 86, 25.885, 58.770

 86, 25.885, 58.770

 100, 25.885,
58.770

 76, 25.885, 58.770

 66, 25.885, 58.770

 56, 25.885, 58.770

 46, 25.885, 58.770

 36, 25.885, 58.770

 26, 25.885, 58.770

 16, 25.885, 58.770

 6, 25.885, 58.770

 0, 25.885, 58.770

86, 25.885, 58.770

86, 25.885, 58.770

82, 35.217, 57.927

90, 17.138, 59.686

78, 45.142, 57.123

95, 8.957, 60.607

74, 55.569, 56.361

99, 1.293, 61.216

70, 66.252, 55.579

100, 0.012,
296.813

67, 76.613, 54.613

64, 85.496, 53.102

62, 90.955, 51.270

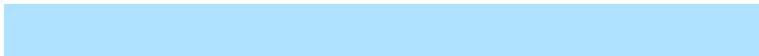
Harmonies

Complementary

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



86, 25.885, 58.770



87, 22.143, 246.180

Rectangle

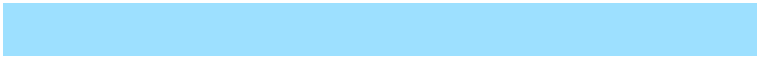
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86, 25.885, 58.770



86, 25.885, 108.770



86, 25.885, 238.770



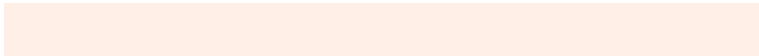
86, 25.885, 288.770

Sweetspot

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



86, 25.880, 58.784



96, 7.573, 60.765



80, 39.474, 339.664



50, 5.191, 60.639



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, 25.880, 58.784



83, 31.637, 58.243



96, 35.793, 100.604



51, 4.298, 60.809



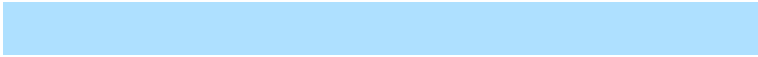
47, 72.826, 51.935



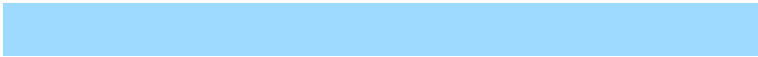
14, 27.612, 50.657

Inverse Universe

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



87, 22.143, 246.180



84, 26.121, 247.417



77, 37.798, 288.532



51, 4.128, 242.908



48, 45.938, 270.041



15, 19.349, 262.798

Previews

White Background



This preview shows how the CIELCh color 86, 25.885, 58.770 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, 25.885, 58.770 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, 25.885, 58.770

Background



This preview shows how black text looks on a background with the CIELCh color 86, 25.885, 58.770.

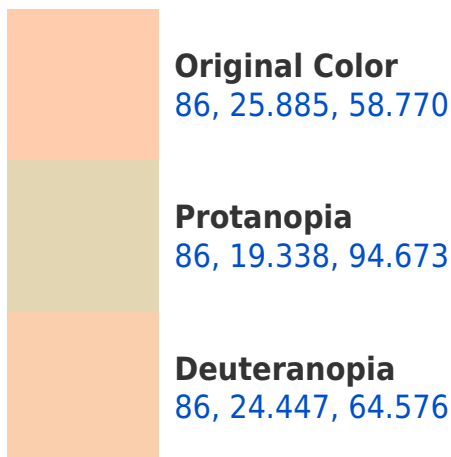


This preview shows how white text looks on a background with the CIELCh color 86, 25.885, 58.770.

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](#).

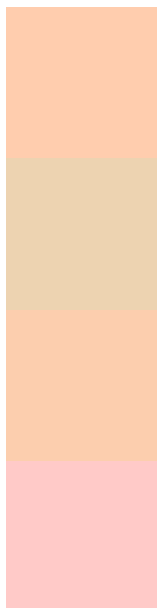
Dichromacy





Tritanopia
86, 21.238, 1.054

Trichromacy



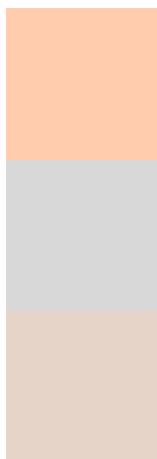
Original Color
86, 25.885, 58.770

Protanomaly
86, 20.538, 78.971

Deuteranomaly
86, 24.978, 61.888

Tritanomaly
86, 20.198, 23.857

Monochromacy



Original Color
86, 25.885, 58.770

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, 25.885, 58.770 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(255, 205, 174)` looks like.

```
.text, #text, p{  
    color:rgb(255, 205, 174)  
}
```

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(255, 205, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 205, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 25.885, 58.770 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(255, 205, 174) }
```

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

```
.border{ border-color:rgb(255, 205, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 205, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 205, 174); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 205, 174); box-shadow:4px 4px 4px 4px rgb(255, 205, 174) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 25.885, 58.770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 205, 174) }
```

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

```
.background{ background-color: rgb(255,  
205, 174) }
```

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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