

Converting Colors

CIE LCh(86, 25.105, 64.699)

Have a look what the booklet for
CIELCh(86, 25.105, 64.699) contains.

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Color

CIELCh(86, 25.133, 64.686)

Conversions

Conversions Part 1

Format	Color
Hex	FBCFAD
RGB	251, 207, 173
RGB Percent	98%, 81%, 68%
CMY	0.0166, 0.1891, 0.3224
CMYK	0.00, 0.18, 0.31, 0.02
HSL	26°, 90%, 83%
HSV	26°, 31%, 98%
XYZ	69.4749, 67.9871, 48.8828
YIQ	216.2800, 37.1380, -1.2460

Conversions

Conversions Part 2

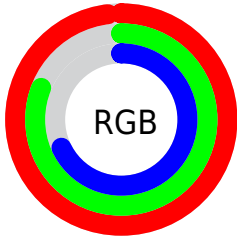
Format	Color
R _Y B	251, 233, 173
Decimal	16502701
CIE Lab	86.00, 10.75, 22.72
CIE LCh	86, 25.133, 64.686
Yxy	67.9871, 0.3728, 0.3648
Android (android.graphics.Color)	4294692781 (0xFFFBCFAD)
YUV	216.2800, -21.3370, 30.4494
Hunter-Lab	82.4543, 6.1067, 22.5681

Details

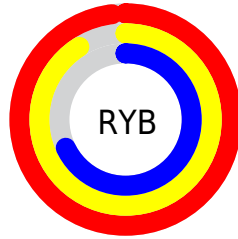
The CIELCh color **86, 25.133, 64.686** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **85, 22.221, 252.881**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 13.158, 109.183**, and **66, 25.260, 65.733** is the 20% darker color. If you saturate the color by 10%, you get **82, 34.221, 63.607**, and if you desaturate by 10%, it is **90, 16.552, 65.794**.

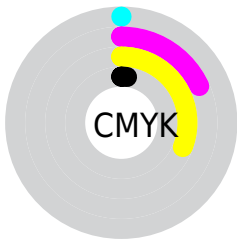
Distribution



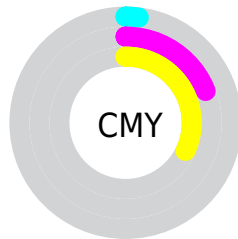
- Red (98%)
- Green (81%)
- Blue (68%)



- Red (98%)
- Yellow (91%)
- Blue (68%)



- Cyan (0%)
- Magenta (18%)
- Yellow (31%)
- Black (2%)



- Cyan (2%)
- Magenta (19%)
- Yellow (32%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 25.133, 64.686 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, 25.133, 64.686 by changing the saturation by 10% instead.

 86, 25.133, 64.686

 86, 25.133, 64.686

 100, 25.133,
64.686

 76, 25.133, 64.686

 66, 25.133, 64.686

 56, 25.133, 64.686

 46, 25.133, 64.686

 36, 25.133, 64.686

 26, 25.133, 64.686

 16, 25.133, 64.686

 6, 25.133, 64.686

 0, 25.133, 64.686

86, 25.133, 64.686

86, 25.133, 64.686

82, 34.221, 63.607

90, 16.552, 65.794

78, 43.800, 62.538

94, 8.456, 66.886

75, 53.777, 61.472

98, 0.807, 67.451

71, 63.903, 60.348

100, 1.473,
199.762

68, 73.617, 59.015

65, 81.854, 57.156

63, 87.188, 54.869

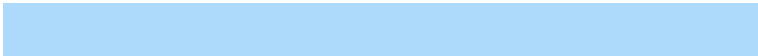
Harmonies

Complementary

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



86, 25.133, 64.686



85, 22.221, 252.881

Rectangle

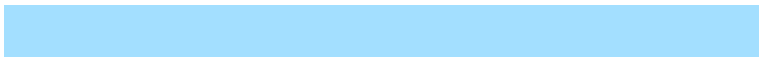
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86, 25.133, 64.686



86, 25.133, 114.686



86, 25.133, 244.686



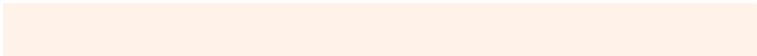
86, 25.133, 294.686

Sweetspot

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



86, 25.133, 64.693



96, 6.910, 67.107



79, 36.515, 342.940



51, 4.822, 66.954



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, 25.133, 64.693



85, 30.855, 64.046



96, 36.844, 104.133



50, 4.299, 67.056



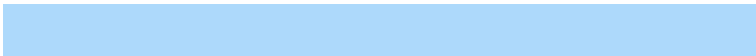
48, 70.059, 55.571



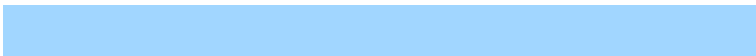
14, 26.017, 55.279

Inverse Universe

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



85, 22.221, 252.881



83, 26.554, 254.126



75, 39.364, 291.450



50, 4.162, 249.406



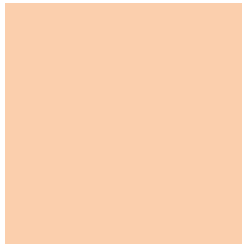
44, 50.625, 277.110



13, 20.491, 269.729

Previews

White Background



This preview shows how the CIELCh color 86, 25.133, 64.686 looks on a white background.

Color Contrast Check

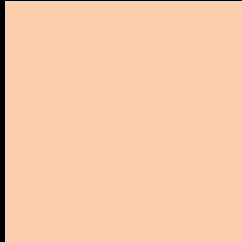
Large Text (above 18pt) WCAG AA × Fail

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, 25.133, 64.686 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, 25.133, 64.686

Background



This preview shows how black text looks on a background with the CIELCh color 86, 25.133, 64.686.



This preview shows how white text looks on a background with the CIELCh color 86, 25.133, 64.686.

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, 21.389, 359.723

Trichromacy



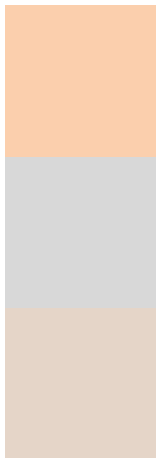
Original Color
86, 25.133, 64.686

Protanomaly
86, 21.544, 82.626

Deuteranomaly
86, 25.133, 64.686

Tritanomaly
86, 19.085, 25.484

Monochromacy



Original Color
86, 25.133, 64.686

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 9.051, 68.124

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 25.133, 64.686 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(251, 207, 173)` looks like.

```
.text, #text, p{  
    color:rgb(251, 207, 173)  
}
```

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(251, 207, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 207, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 25.133, 64.686 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(251, 207, 173) }
```

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

```
.border{ border-color:rgb(251, 207, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 207, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 207, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 207, 173);  
box-shadow:4px 4px 4px 4px rgb(251, 207,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 25.133, 64.686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 207, 173) }
```

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

```
.background{ background-color: rgb(251,  
207, 173) }
```

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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