

Converting Colors

CIELCh(88, 30.229, 57.908)

Have a look what the booklet for
CIELCh(88, 30.229, 57.908) contains.

CIELCh(87, 26.450, 64.904)	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(87, 26.450, 64.904)

Conversions

Conversions Part 1

Format	Color
Hex	FFD1AD
RGB	255, 209, 173
RGB Percent	100%, 82%, 68%
CMY	0.0000, 0.1797, 0.3209
CMYK	0.00, 0.18, 0.32, 0.00
HSL	26°, 100%, 84%
HSV	26°, 32%, 100%
XYZ	71.7116, 70.0064, 49.3543
YIQ	218.6500, 38.9720, -1.4440

Conversions

Conversions Part 2

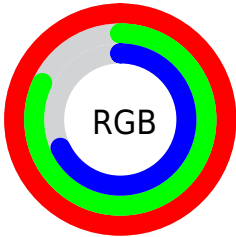
Format	Color
R _Y B	255, 237, 173
Decimal	16765357
CIE Lab	87.00, 11.22, 23.95
CIE LCh	87, 26.450, 64.904
Yxy	70.0064, 0.3753, 0.3664
Android (android.graphics.Color)	4294955437 (0xFFFFD1AD)
YUV	218.6500, -22.5055, 31.8789
Hunter-Lab	83.6698, 6.5662, 23.5955

Details

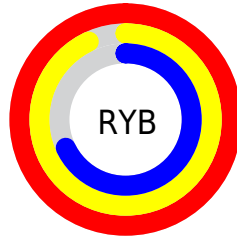
The CIELCh color **87, 26.450, 64.904** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **85, 23.287, 253.591**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 13.158, 109.183**, and **67, 26.656, 65.848** is the 20% darker color. If you saturate the color by 10%, you get **83, 35.657, 63.925**, and if you desaturate by 10%, it is **91, 17.644, 66.139**.

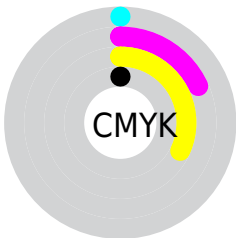
Distribution



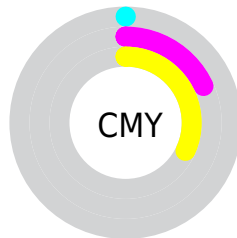
- Red (100%)
- Green (82%)
- Blue (68%)



- Red (100%)
- Yellow (93%)
- Blue (68%)



- Cyan (0%)
- Magenta (18%)
- Yellow (32%)
- Black (0%)



- Cyan (0%)
- Magenta (18%)
- Yellow (32%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 26.450, 64.904 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 87, 26.450, 64.904 by changing the saturation by 10% instead.

 87, 26.450, 64.904

 87, 26.450, 64.904

 100, 26.450,
64.904

 77, 26.450, 64.904

 67, 26.450, 64.904

 57, 26.450, 64.904

 47, 26.450, 64.904

 37, 26.450, 64.904

 27, 26.450, 64.904

 17, 26.450, 64.904

 7, 26.450, 64.904

 0, 26.450, 64.904

87, 26.450, 64.904

87, 26.450, 64.904

83, 35.657, 63.925

91, 17.644, 66.139

79, 45.403, 62.839

95, 9.381, 67.247

76, 55.528, 61.749

99, 1.571, 68.114

72, 65.749, 60.588

100, 0.012,
296.813

69, 75.452, 59.191

66, 83.500, 57.221

64, 88.136, 55.128

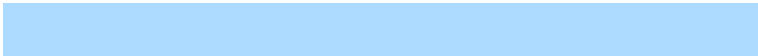
Harmonies

Complementary

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



87, 26.450, 64.904



85, 23.287, 253.591

Rectangle

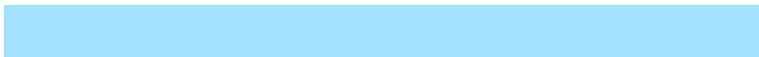
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87, 26.450, 64.904



87, 26.450, 114.904



87, 26.450, 244.904



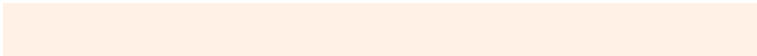
87, 26.450, 294.904

Sweetspot

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



87, 26.396, 65.025



96, 7.713, 67.472



80, 38.194, 343.045



51, 5.284, 67.321



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



87, 26.396, 65.025



84, 32.741, 64.263



97, 38.517, 104.027



51, 4.379, 67.524



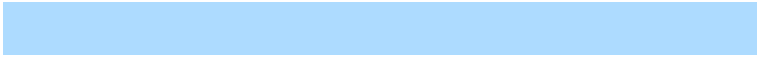
49, 70.634, 55.831



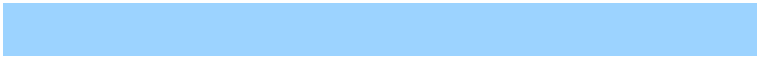
15, 27.190, 55.951

Inverse Universe

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



85, 23.287, 253.591



82, 28.003, 255.092



75, 41.260, 291.621



51, 4.242, 249.895



45, 51.608, 277.656



13, 21.317, 270.670

Previews

White Background



This preview shows how the CIELCh color 87, 26.450, 64.904 looks on a white background.

Color Contrast Check

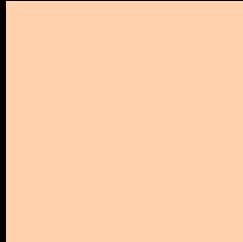
Large Text (above 18pt) WCAG AA × Fail

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 87, 26.450, 64.904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

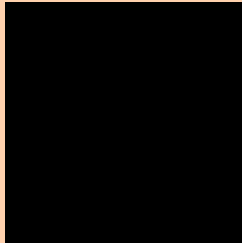
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 26.450, 64.904

Background



This preview shows how black text looks on a background with the CIELCh color 87, 26.450, 64.904.



This preview shows how white text looks on a background with the CIELCh color 87, 26.450, 64.904.

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

87, 26.450, 64.904

Protanopia

87, 21.905, 95.026

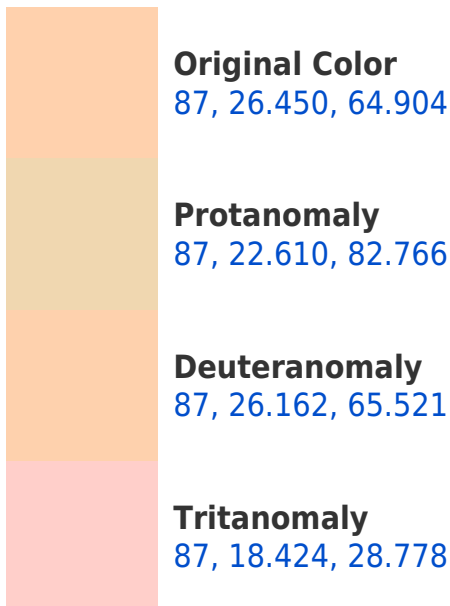
Deuteranopia

87, 26.162, 65.521



Tritanopia
87, 19.607, 0.806

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 26.450, 64.904 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, 209, 173)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 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(255, 209, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 26.450, 64.904 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, 209, 173) }
```

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

```
.border{ border-color:rgb(255, 209, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 209, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 173);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 26.450, 64.904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 209, 173) }
```

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

```
.background{ background-color: rgb(255,  
209, 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](#).

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