

Converting Colors

CIELCh(87, 24.298, 58.818)

Have a look what the booklet for
CIELCh(87, 24.298, 58.818) contains.

CIELCh(87, 24.123, 58.817)	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, 24.123, 58.817)

Conversions

Conversions Part 1

Format	Color
Hex	FFD1B4
RGB	255, 209, 180
RGB Percent	100%, 82%, 71%
CMY	0.0000, 0.1822, 0.2960
CMYK	0.00, 0.18, 0.30, 0.00
HSL	23°, 100%, 85%
HSV	23°, 30%, 100%
XYZ	72.3143, 70.0064, 52.6189
YIQ	219.4480, 36.7250, 0.7330

Conversions

Conversions Part 2

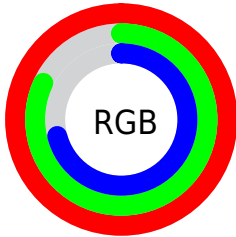
Format	Color
R _Y B	255, 227, 180
Decimal	16765364
CIE Lab	87.00, 12.49, 20.64
CIE LCh	87, 24.123, 58.817
Yxy	70.0064, 0.3710, 0.3591
Android (android.graphics.Color)	4294955444 (0xFFFFD1B4)
YUV	219.4480, -19.4479, 31.1791
Hunter-Lab	83.6698, 7.8522, 21.2821

Details

The CIELCh color **87, 24.123, 58.817** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **88, 20.753, 245.994**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 9.618, 109.449**, and **67, 23.764, 60.369** is the 20% darker color. If you saturate the color by 10%, you get **83, 33.153, 58.273**, and if you desaturate by 10%, it is **91, 15.331, 60.065**.

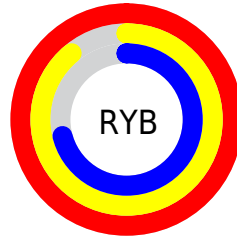
Distribution



Red (100%)

Green (82%)

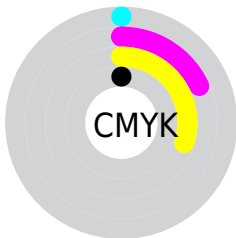
Blue (71%)



Red (100%)

Yellow (89%)

Blue (71%)

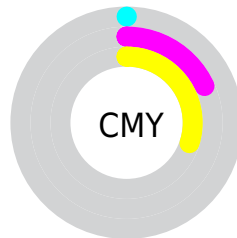


Cyan (0%)

Magenta (18%)

Yellow (30%)

Black (0%)



Cyan (0%)

Magenta (18%)

Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 24.123, 58.817 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, 24.123, 58.817 by changing the saturation by 10% instead.

 87, 24.123, 58.817

 87, 24.123, 58.817

 100, 24.123,
58.817

 77, 24.123, 58.817

 67, 24.123, 58.817

 57, 24.123, 58.817

 47, 24.123, 58.817

 37, 24.123, 58.817

 27, 24.123, 58.817

 17, 24.123, 58.817

 7, 24.123, 58.817

 0, 24.123, 58.817

87, 24.123, 58.817

87, 24.123, 58.817

83, 33.153, 58.273

91, 15.331, 60.065

79, 42.949, 57.450

96, 7.266, 60.986

75, 53.273, 56.671

100, 0.012,
296.813

71, 63.923, 55.892

68, 74.412, 54.975

65, 83.726, 53.611

62, 90.618, 51.447

62, 90.875, 51.367

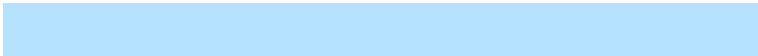
Harmonies

Complementary

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



87, 24.123, 58.817



88, 20.753, 245.994

Rectangle

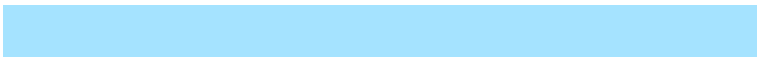
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87, 24.123, 58.817



87, 24.123, 108.817



87, 24.123, 238.817



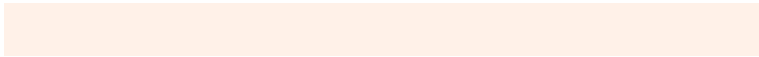
87, 24.123, 288.817

Sweetspot

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



87, 23.949, 59.149



96, 6.795, 61.040



81, 36.401, 340.268



51, 4.745, 60.910



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, 23.949, 59.149



84, 29.767, 58.583



96, 33.919, 101.753



51, 4.300, 60.995



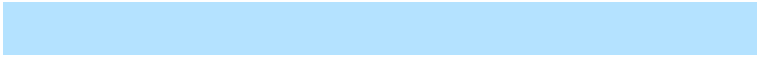
47, 72.764, 52.034



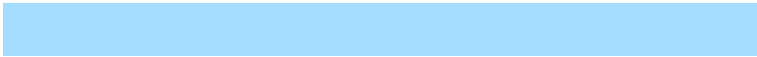
14, 27.598, 50.795

Inverse Universe

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



88, 20.753, 245.994



85, 24.887, 247.212



78, 35.779, 288.962



51, 4.130, 243.103



48, 46.081, 270.268



15, 19.397, 263.029

Previews

White Background



This preview shows how the CIELCh color 87, 24.123, 58.817 looks on a white background.

Color Contrast Check

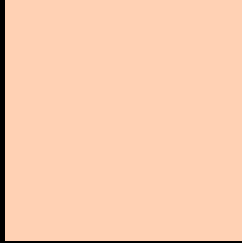
Large Text (above 18pt) WCAG AA × Fail

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, 24.123, 58.817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

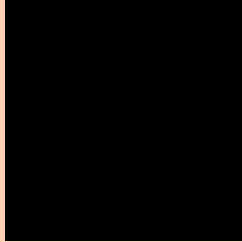
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 24.123, 58.817

Background



This preview shows how black text looks on a background with the CIELCh color 87, 24.123, 58.817.



This preview shows how white text looks on a background with the CIELCh color 87, 24.123, 58.817.

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](#).

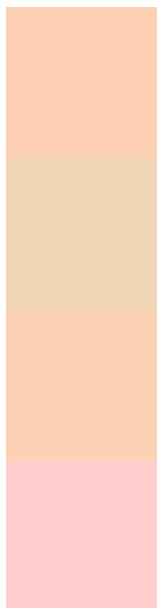
Dichromacy





Tritanopia
87, 19.763, 359.371

Trichromacy



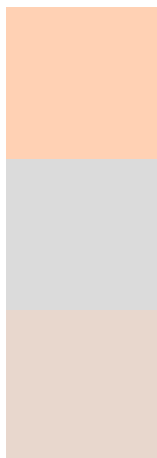
Original Color
87, 23.781, 59.419

Protanomaly
87, 19.357, 78.656

Deuteranomaly
87, 23.533, 61.521

Tritanomaly
87, 18.501, 22.373

Monochromacy



Original Color
87, 23.781, 59.419

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 8.189, 59.141

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 24.123, 58.817 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, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 180)  
}
```

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, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 24.123, 58.817 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, 180) }
```

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

```
.border{ border-color:rgb(255, 209, 180) }
```

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, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 180);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 24.123, 58.817 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, 180) }
```

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

```
.background{ background-color: rgb(255,  
209, 180) }
```

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