

Converting Colors

CIELCh(87, 26.690, 68.684)

Have a look what the booklet for
CIELCh(87, 26.690, 68.684) contains.

CIELCh(87, 26.808, 68.794)	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, 26.808, 68.794)

Conversions

Conversions Part 1

Format	Color
Hex	FDD2AB
RGB	253, 210, 171
RGB Percent	99%, 82%, 67%
CMY	0.0073, 0.1760, 0.3289
CMYK	0.00, 0.17, 0.32, 0.01
HSL	29°, 96%, 83%
HSV	29°, 32%, 99%
XYZ	70.9949, 70.0064, 48.3591
YIQ	218.4110, 38.1470, -3.0130

Conversions

Conversions Part 2

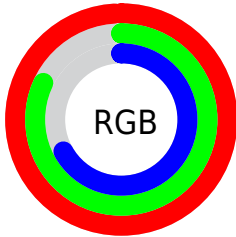
Format	Color
R _Y B	253, 245, 171
Decimal	16634539
CIE Lab	87.00, 9.70, 24.99
CIE LCh	87, 26.808, 68.794
Yxy	70.0064, 0.3749, 0.3697
Android (android.graphics.Color)	4294824619 (0xFFFD2AB)
YUV	218.4110, -23.3736, 30.3346
Hunter-Lab	83.6698, 5.0373, 24.3007

Details

The CIELCh color **87, 26.808, 68.794** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **84, 24.121, 257.919**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 14.168, 109.107**, and **67, 26.605, 69.234** is the 20% darker color. If you saturate the color by 10%, you get **83, 36.010, 67.585**, and if you desaturate by 10%, it is **91, 18.053, 70.013**.

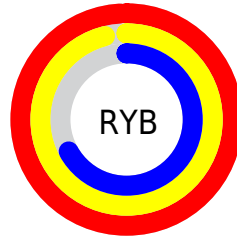
Distribution



Red (99%)

Green (82%)

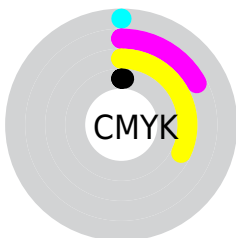
Blue (67%)



Red (99%)

Yellow (96%)

Blue (67%)

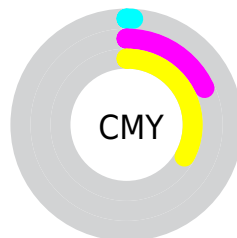


Cyan (0%)

Magenta (17%)

Yellow (32%)

Black (1%)



Cyan (1%)

Magenta (18%)

Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 26.808, 68.794 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, 26.808, 68.794 by changing the saturation by 10% instead.

 87, 26.808, 68.794

 87, 26.808, 68.794

 100, 26.808,
68.794

 77, 26.808, 68.794

 67, 26.808, 68.794

 57, 26.808, 68.794

 47, 26.808, 68.794

 37, 26.808, 68.794

 27, 26.808, 68.794

 17, 26.808, 68.794

 7, 26.808, 68.794

 0, 26.808, 68.794

87, 26.808, 68.794

87, 26.808, 68.794

83, 36.010, 67.585

91, 18.053, 70.013

80, 45.624, 66.365

95, 9.737, 71.205

76, 55.521, 65.117

98, 1.831, 72.201

73, 65.397, 63.772

100, 0.650,
200.384

70, 74.610, 62.166

67, 82.040, 59.982

65, 86.072, 57.837

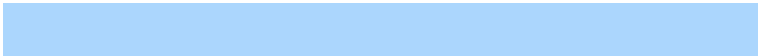
Harmonies

Complementary

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



87, 26.808, 68.794



84, 24.121, 257.919

Rectangle

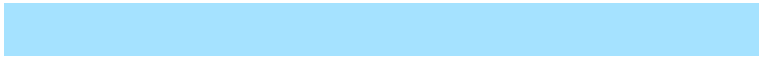
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87, 26.808, 68.794



87, 26.808, 118.794



87, 26.808, 248.794



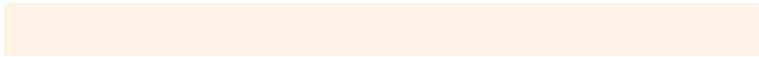
87, 26.808, 298.794

Sweetspot

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



87, 26.808, 68.801



96, 7.852, 71.483



79, 37.543, 344.873



51, 5.377, 71.320



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, 26.808, 68.801



85, 33.032, 67.997



97, 39.875, 105.559



51, 4.459, 71.539



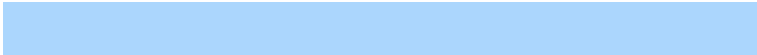
50, 69.426, 58.533



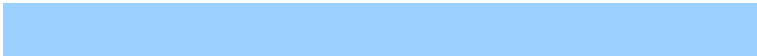
16, 27.049, 59.411

Inverse Universe

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



84, 24.121, 257.919



81, 29.002, 259.395



74, 43.001, 293.033



51, 4.343, 254.021



43, 55.509, 281.695



12, 22.713, 274.953

Previews

White Background



This preview shows how the CIELCh color 87, 26.808, 68.794 looks on a white background.

Color Contrast Check

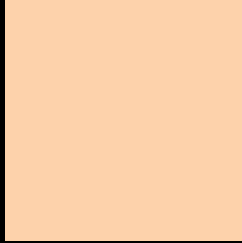
Large Text (above 18pt) WCAG AA × Fail

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, 26.808, 68.794 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, 26.808, 68.794

Background



This preview shows how black text looks on a background with the CIELCh color 87, 26.808, 68.794.



This preview shows how white text looks on a background with the CIELCh color 87, 26.808, 68.794.

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, 26.808, 68.794

Protanopia

87, 23.008, 94.544

Deuteranopia

87, 27.253, 66.256



Tritanopia
87, 19.763, 359.371

Trichromacy



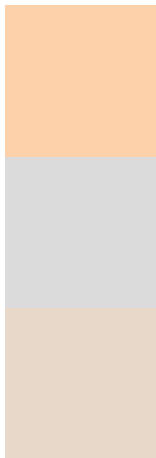
Original Color
87, 26.808, 68.794

Protanomaly
87, 23.562, 83.709

Deuteranomaly
87, 26.972, 66.871

Tritanomaly
87, 18.038, 28.925

Monochromacy



Original Color
87, 26.808, 68.794

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 9.193, 71.973

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 26.808, 68.794 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(253, 210, 171)` looks like.

```
.text, #text, p{  
    color:rgb(253, 210, 171)  
}
```

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(253, 210, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 210, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 26.808, 68.794 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(253, 210, 171) }
```

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

```
.border{ border-color:rgb(253, 210, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 210, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 210, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 210, 171);  
box-shadow:4px 4px 4px 4px rgb(253, 210,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 26.808, 68.794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 210, 171) }
```

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

```
.background{ background-color: rgb(253,  
210, 171) }
```

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