

Converting Colors

CIELCh(87, 30.934, 71.127)

Have a look what the booklet for
CIELCh(87, 30.934, 71.127) contains.

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Color

CIELCh(87, 30.748, 71.988)

Conversions

Conversions Part 1

Format	Color
Hex	FFD2A3
RGB	255, 210, 163
RGB Percent	100%, 82%, 64%
CMY	0.0000, 0.1764, 0.3607
CMYK	0.00, 0.18, 0.36, 0.00
HSL	31°, 100%, 82%
HSV	31°, 36%, 100%
XYZ	70.9061, 70.0064, 44.4314
YIQ	218.0970, 41.9070, -5.0770

Conversions

Conversions Part 2

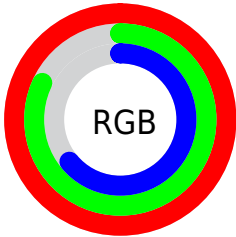
Format	Color
RYB	251, 255, 163
Decimal	16765603
CIELab	87.00, 9.51, 29.24
CIELCh	87, 30.748, 71.988
Yxy	70.0064, 0.3826, 0.3777
Android (android.graphics.Color)	4294955683 (0xFFFFD2A3)
YUV	218.0970, -27.1628, 32.3639
Hunter-Lab	83.6698, 4.8478, 27.0840

Details

The CIELCh color **87, 30.748, 71.988** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **82, 27.935, 262.710**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 18.707, 108.762**, and **67, 30.798, 72.319** is the 20% darker color. If you saturate the color by 10%, you get **84, 40.152, 70.693**, and if you desaturate by 10%, it is **91, 21.717, 73.293**.

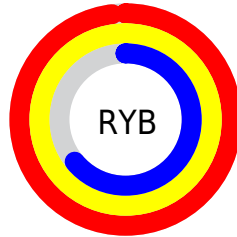
Distribution



Red (100%)

Green (82%)

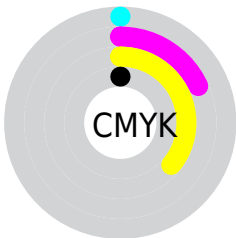
Blue (64%)



Red (98%)

Yellow (100%)

Blue (64%)

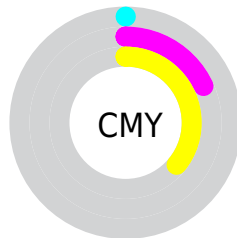


Cyan (0%)

Magenta (18%)

Yellow (36%)

Black (0%)



Cyan (0%)

Magenta (18%)

Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 30.748, 71.988 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, 30.748, 71.988 by changing the saturation by 10% instead.

 87, 30.748, 71.988

 87, 30.748, 71.988

 100, 30.748,
71.988

 77, 30.748, 71.988

 67, 30.748, 71.988

 57, 30.748, 71.988

 47, 30.748, 71.988

 37, 30.748, 71.988

 27, 30.748, 71.988

 17, 30.748, 71.988

 7, 30.748, 71.988

 0, 30.748, 71.988

87, 30.748, 71.988

87, 30.748, 71.988

84, 40.152, 70.693

91, 21.717, 73.293

80, 49.860, 69.358

94, 13.083, 74.561

77, 59.668, 67.959

98, 4.830, 75.763

74, 69.141, 66.401

100, 0.012,
296.813

71, 77.451, 64.483

69, 83.391, 61.860

68, 85.197, 60.700

Harmonies

Complementary

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



87, 30.748, 71.988



82, 27.935, 262.710

Rectangle

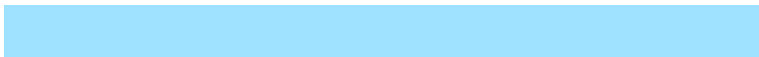
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87, 30.748, 71.988



87, 30.748, 121.988



87, 30.748, 251.988



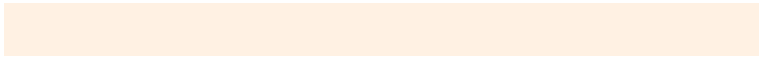
87, 30.748, 301.988

Sweetspot

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



87, 30.745, 72.002



96, 8.850, 75.187



77, 41.216, 347.192



51, 5.965, 75.021



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, 30.745, 72.002



85, 37.224, 71.097



98, 45.913, 106.668



51, 4.559, 75.367



52, 68.389, 61.407



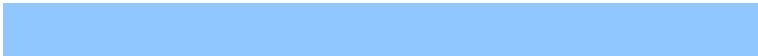
16, 27.009, 62.929

Inverse Universe

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



82, 27.935, 262.710



79, 33.142, 264.380



70, 50.347, 294.927



51, 4.465, 257.918



41, 59.606, 285.249



12, 24.209, 278.782

Previews

White Background



This preview shows how the CIELCh color 87, 30.748, 71.988 looks on a white background.

Color Contrast Check

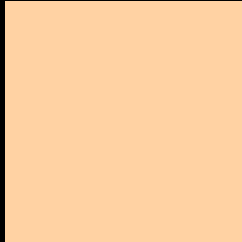
Large Text (above 18pt) WCAG AA × Fail

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, 30.748, 71.988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

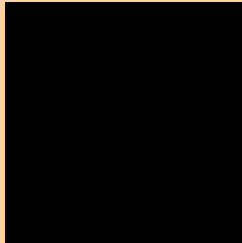
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 30.748, 71.988

Background



This preview shows how black text looks on a background with the CIELCh color 87, 30.748, 71.988.



This preview shows how white text looks on a background with the CIELCh color 87, 30.748, 71.988.

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, 30.748, 71.988

Protanopia

87, 27.129, 95.314

Deuteranopia

87, 29.028, 69.900



Tritanopia
87, 19.607, 0.806

Trichromacy



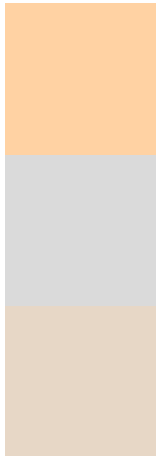
Original Color
87, 30.748, 71.988

Protanomaly
87, 27.578, 85.978

Deuteranomaly
87, 29.454, 70.447

Tritanomaly
87, 18.984, 34.873

Monochromacy



Original Color
87, 30.748, 71.988

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 10.716, 75.228

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 30.748, 71.988 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, 210, 163)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 163)  
}
```

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, 210, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 30.748, 71.988 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, 210, 163) }
```

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

```
.border{ border-color:rgb(255, 210, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 210, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 163);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 30.748, 71.988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 163) }
```

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

```
.background{ background-color: rgb(255,  
210, 163) }
```

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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