

Converting Colors

CIELCh(87, 28.742, 71.039)

Have a look what the booklet for
CIELCh(87, 28.742, 71.039) contains.

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Color

CIELCh(87, 28.766, 70.517)

Conversions

Conversions Part 1

Format	Color
Hex	FED2A7
RGB	254, 210, 167
RGB Percent	100%, 82%, 65%
CMY	0.0036, 0.1762, 0.3448
CMYK	0.00, 0.17, 0.34, 0.00
HSL	30°, 98%, 83%
HSV	30°, 34%, 100%
XYZ	70.9467, 70.0064, 46.3657
YIQ	218.2540, 40.0270, -4.0450

Conversions

Conversions Part 2

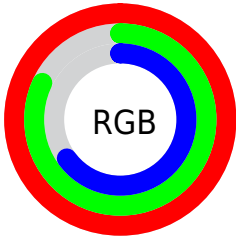
Format	Color
RYB	254, 252, 167
Decimal	16700071
CIELab	87.00, 9.59, 27.12
CIElCh	87, 28.766, 70.517
Yxy	70.0064, 0.3787, 0.3737
Android (android.graphics.Color)	4294890151 (0xFF FED2A7)
YUV	218.2540, -25.2682, 31.3492
Hunter-Lab	83.6698, 4.9344, 25.7133

Details

The CIELCh color **87, 28.766, 70.517** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **83, 26.009, 260.451**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 16.691, 108.916**, and **67, 28.691, 70.913** is the 20% darker color. If you saturate the color by 10%, you get **83, 38.074, 69.257**, and if you desaturate by 10%, it is **91, 19.871, 71.779**.

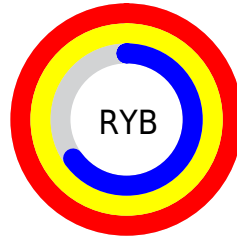
Distribution



Red (100%)

Green (82%)

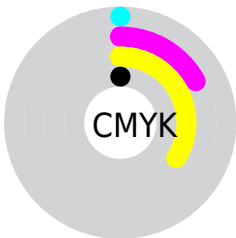
Blue (65%)



Red (100%)

Yellow (99%)

Blue (65%)

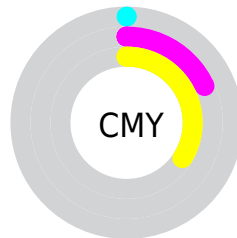


Cyan (0%)

Magenta (17%)

Yellow (34%)

Black (0%)



Cyan (0%)

Magenta (18%)

Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 28.766, 70.517 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, 28.766, 70.517 by changing the saturation by 10% instead.

 87, 28.766, 70.517

 87, 28.766, 70.517

 100, 28.766,
70.517

 77, 28.766, 70.517

 67, 28.766, 70.517

 57, 28.766, 70.517

 47, 28.766, 70.517

 37, 28.766, 70.517

 27, 28.766, 70.517

 17, 28.766, 70.517

 7, 28.766, 70.517

 0, 28.766, 70.517

87, 28.766, 70.517

87, 28.766, 70.517

83, 38.074, 69.257

91, 19.871, 71.779

80, 47.741, 67.974

94, 11.394, 73.014

77, 57.602, 66.645

98, 3.311, 74.151

74, 67.292, 65.189

100, 0.321,
201.452

71, 76.074, 63.421

68, 82.769, 61.008

66, 85.575, 59.325

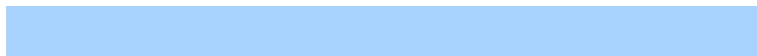
Harmonies

Complementary

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



87, 28.766, 70.517



83, 26.009, 260.451

Rectangle

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



87, 28.766, 70.517



87, 28.766, 120.517



87, 28.766, 250.517



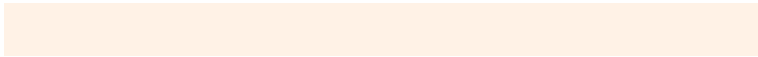
87, 28.766, 300.517

Sweetspot

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



87, 28.766, 70.524



96, 7.940, 73.522



78, 39.402, 346.014



51, 5.436, 73.356



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, 28.766, 70.524



85, 35.115, 69.668



98, 42.871, 106.121



51, 4.509, 73.581



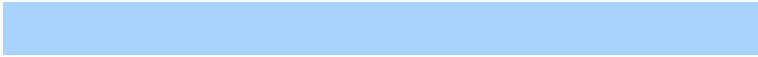
51, 68.856, 60.027



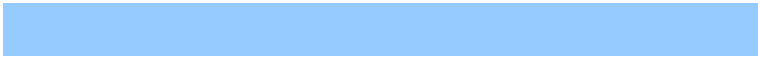
16, 27.015, 61.260

Inverse Universe

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



83, 26.009, 260.451



80, 31.048, 262.024



72, 46.614, 293.991



51, 4.405, 256.104



42, 57.647, 283.624



12, 23.490, 277.024

Previews

White Background



This preview shows how the CIELCh color 87, 28.766, 70.517 looks on a white background.

Color Contrast Check

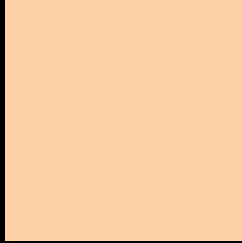
Large Text (above 18pt) WCAG AA × Fail

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, 28.766, 70.517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

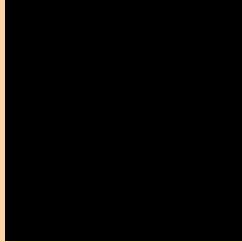
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 28.766, 70.517

Background



This preview shows how black text looks on a background with the CIELCh color 87, 28.766, 70.517.



This preview shows how white text looks on a background with the CIELCh color 87, 28.766, 70.517.

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, 28.766, 70.517

Protanopia

87, 25.024, 95.418

Deuteranopia

87, 28.184, 68.752



Tritanopia
87, 19.763, 359.371

Trichromacy



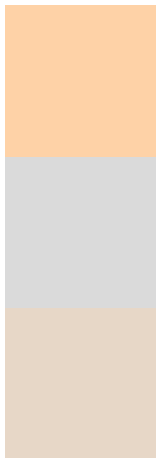
Original Color
87, 28.766, 70.517

Protanomaly
87, 25.484, 85.360

Deuteranomaly
87, 28.604, 69.336

Tritanomaly
87, 18.676, 31.873

Monochromacy



Original Color
87, 28.766, 70.517

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 10.281, 73.680

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 28.766, 70.517 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(254, 210, 167)` looks like.

```
.text, #text, p{  
    color:rgb(254, 210, 167)  
}
```

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(254, 210, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 210, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 28.766, 70.517 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(254, 210, 167) }
```

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

```
.border{ border-color:rgb(254, 210, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 210, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 210, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 210, 167);  
box-shadow:4px 4px 4px 4px rgb(254, 210,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 28.766, 70.517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 210, 167) }
```

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

```
.background{ background-color: rgb(254,  
210, 167) }
```

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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