

Converting Colors

CIELCh(87, 29.737, 69.859)

Have a look what the booklet for
CIELCh(87, 29.737, 69.859) contains.

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Color

CIELCh(87, 29.454, 70.447)

Conversions

Conversions Part 1

Format	Color
Hex	FFD2A6
RGB	255, 210, 166
RGB Percent	100%, 82%, 65%
CMY	0.0006, 0.1770, 0.3495
CMYK	0.00, 0.18, 0.35, 0.00
HSL	30°, 100%, 82%
HSV	30°, 35%, 100%
XYZ	71.0703, 70.0064, 45.7797
YIQ	218.4390, 40.9440, -4.1440

Conversions

Conversions Part 2

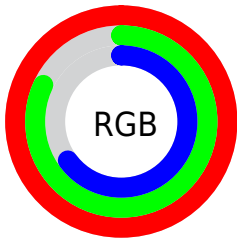
Format	Color
RYB	255, 253, 166
Decimal	16765606
CIELab	87.00, 9.86, 27.76
CIELCh	87, 29.454, 70.447
Yxy	70.0064, 0.3803, 0.3747
Android (android.graphics.Color)	4294955686 (0xFFFFD2A6)
YUV	218.4390, -25.8524, 32.0640
Hunter-Lab	83.6698, 5.1982, 26.1285

Details

The CIELCh color **87, 29.454, 70.447** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **83, 26.574, 260.617**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 17.195, 108.877**, and **67, 29.424, 70.793** is the 20% darker color. If you saturate the color by 10%, you get **83, 38.813, 69.186**, and if you desaturate by 10%, it is **91, 20.509, 71.711**.

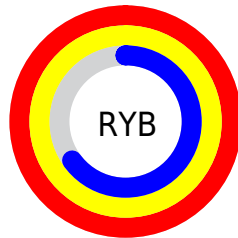
Distribution



Red (100%)

Green (82%)

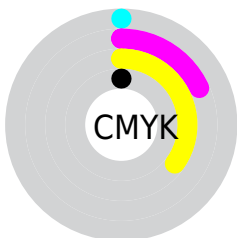
Blue (65%)



Red (100%)

Yellow (99%)

Blue (65%)

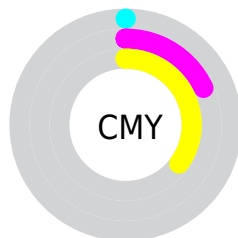


Cyan (0%)

Magenta (18%)

Yellow (35%)

Black (0%)



Cyan (0%)

Magenta (18%)

Yellow (35%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 29.454, 70.447 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, 29.454, 70.447 by changing the saturation by 10% instead.

 87, 29.454, 70.447

 87, 29.454, 70.447

 100, 29.454,
70.447

 77, 29.454, 70.447

 67, 29.454, 70.447

 57, 29.454, 70.447

 47, 29.454, 70.447

 37, 29.454, 70.447

 27, 29.454, 70.447

 17, 29.454, 70.447

 7, 29.454, 70.447

 0, 29.454, 70.447

87, 29.454, 70.447

87, 29.454, 70.447

83, 38.813, 69.186

91, 20.509, 71.711

80, 48.522, 67.900

94, 11.982, 72.948

77, 58.411, 66.565

98, 3.852, 74.104

74, 68.090, 65.094

100, 0.050,
212.687

71, 76.790, 63.294

68, 83.309, 60.820

67, 85.771, 59.330

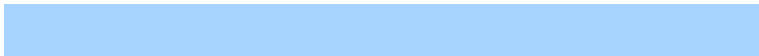
Harmonies

Complementary

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



87, 29.454, 70.447



83, 26.574, 260.617

Rectangle

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



87, 29.454, 70.447



87, 29.454, 120.447



87, 29.454, 250.447



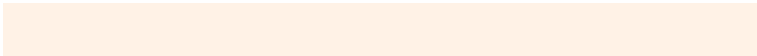
87, 29.454, 300.447

Sweetspot

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



87, 29.454, 70.453



96, 7.941, 73.539



78, 40.272, 346.094



51, 5.436, 73.372



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, 29.454, 70.453



85, 36.060, 69.556



98, 43.796, 106.055



51, 4.509, 73.597



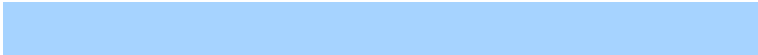
51, 68.851, 60.040



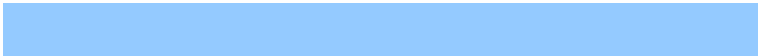
16, 27.015, 61.275

Inverse Universe

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



83, 26.574, 260.617



79, 31.781, 262.290



72, 47.716, 294.107



51, 4.405, 256.120



42, 57.664, 283.639



12, 23.497, 277.040

Previews

White Background



This preview shows how the CIELCh color 87, 29.454, 70.447 looks on a white background.

Color Contrast Check

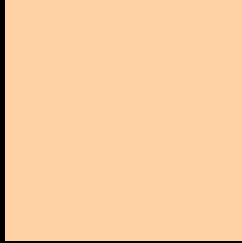
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 87, 29.454, 70.447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

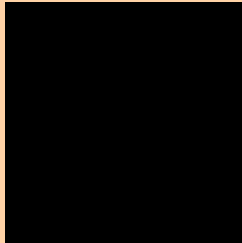
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 29.454, 70.447

Background



This preview shows how black text looks on a background with the CIELCh color 87, 29.454, 70.447.



This preview shows how white text looks on a background with the CIELCh color 87, 29.454, 70.447.

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, 19.607, 0.806

Trichromacy



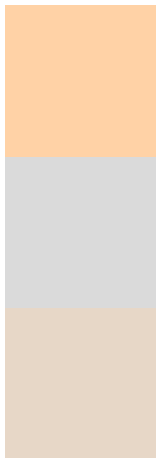
Original Color
87, 29.454, 70.447

Protanomaly
87, 26.611, 85.289

Deuteranomaly
87, 28.604, 69.336

Tritanomaly
87, 18.823, 33.386

Monochromacy



Original Color
87, 29.454, 70.447

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, 29.454, 70.447 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, 166)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 166)  
}
```

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, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 29.454, 70.447 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, 166) }
```

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

```
.border{ border-color:rgb(255, 210, 166) }
```

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, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 166);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 29.454, 70.447 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, 166) }
```

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

```
.background{ background-color: rgb(255,  
210, 166) }
```

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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