

Converting Colors

CIELCh(90, 30.169, 67.383)

Have a look what the booklet for
CIELCh(90, 30.169, 67.383) contains.

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Color

CIELCh(89, 27.085, 74.574)

Conversions

Conversions Part 1

Format	Color
Hex	FFD9AE
RGB	255, 217, 174
RGB Percent	100%, 85%, 68%
CMY	0.0000, 0.1478, 0.3165
CMYK	0.00, 0.15, 0.32, 0.00
HSL	32°, 100%, 84%
HSV	32°, 32%, 100%
XYZ	73.9110, 74.1641, 50.6100
YIQ	223.4600, 36.4510, -5.3170

Conversions

Conversions Part 2

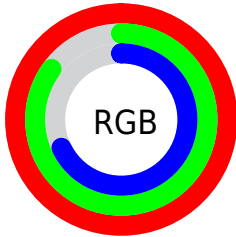
Format	Color
R _Y B	246, 255, 174
Decimal	16767406
CIE Lab	89.00, 7.20, 26.11
CIE LCh	89, 27.085, 74.574
Yxy	74.1641, 0.3720, 0.3733
Android (android.graphics.Color)	4294957486 (0xFFFFD9AE)
YUV	223.4600, -24.3838, 27.6606
Hunter-Lab	86.1186, 2.4894, 25.4396

Details

The CIELCh color **89, 27.085, 74.574** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **84, 25.167, 264.080**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 12.652, 109.221**, and **69, 27.145, 74.595** is the 20% darker color. If you saturate the color by 10%, you get **86, 36.287, 73.457**, and if you desaturate by 10%, it is **92, 18.094, 76.110**.

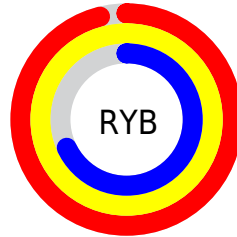
Distribution



Red (100%)

Green (85%)

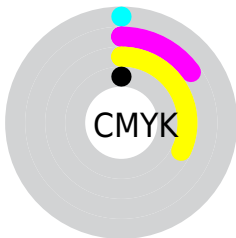
Blue (68%)



Red (96%)

Yellow (100%)

Blue (68%)

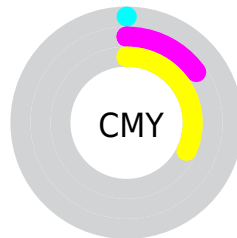


Cyan (0%)

Magenta (15%)

Yellow (32%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (32%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 27.085, 74.574 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 89, 27.085, 74.574 by changing the saturation by 10% instead.

 89, 27.085, 74.574

 89, 27.085, 74.574

 100, 27.085,
74.574

 79, 27.085, 74.574

 69, 27.085, 74.574

 59, 27.085, 74.574

 49, 27.085, 74.574

 39, 27.085, 74.574

 29, 27.085, 74.574

 19, 27.085, 74.574

 9, 27.085, 74.574

 0, 27.085, 74.574

89, 27.085, 74.574

89, 27.085, 74.574

86, 36.287, 73.457

92, 18.094, 76.110

82, 45.861, 72.089

96, 9.534, 77.387

79, 55.585, 70.670

99, 1.317, 78.384

76, 65.131, 69.137

100, 0.012,
296.813

73, 73.852, 67.349

71, 80.683, 65.035

69, 84.469, 62.578

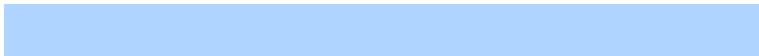
Harmonies

Complementary

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



89, 27.085, 74.574



84, 25.167, 264.080

Rectangle

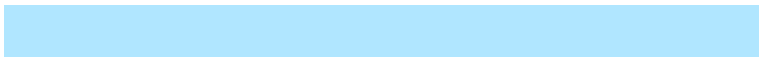
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89, 27.085, 74.574



89, 27.085, 124.574



89, 27.085, 254.574



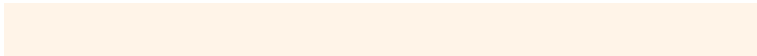
89, 27.085, 304.574

Sweetspot

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



89, 27.014, 74.796



97, 7.322, 77.713



80, 35.812, 347.633



51, 5.104, 77.535



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



89, 27.014, 74.796



87, 32.862, 73.949



98, 40.450, 107.831



51, 4.631, 77.651



53, 67.842, 63.276



17, 27.038, 65.134

Inverse Universe

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



84, 25.167, 264.080



80, 30.139, 265.491



74, 43.759, 294.717



50, 4.550, 260.228



40, 62.238, 287.249



11, 25.186, 280.961

Previews

White Background



This preview shows how the CIE LCh color 89, 27.085, 74.574 looks on a white background.

Color Contrast Check

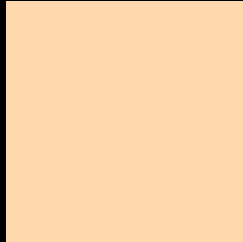
Large Text (above 18pt) WCAG AA × Fail

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 89, 27.085, 74.574 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 89, 27.085, 74.574

Background



This preview shows how black text looks on a background with the CIELCh color 89, 27.085, 74.574.



This preview shows how white text looks on a background with the CIELCh color 89, 27.085, 74.574.

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

89, 27.085, 74.574

Protanopia

89, 24.510, 94.386

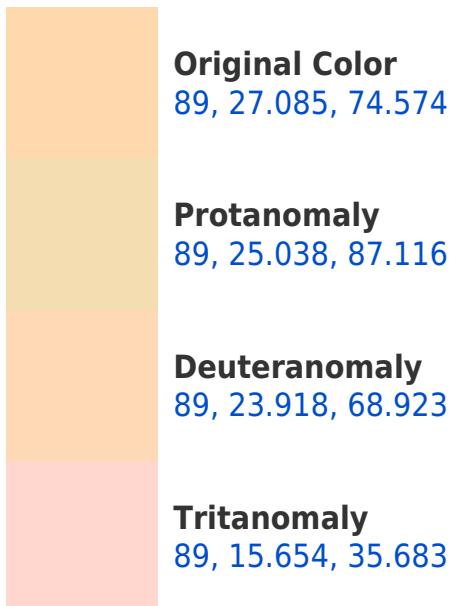
Deuteranopia

89, 22.292, 65.846



Tritanopia
89, 16.718, 356.929

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 27.085, 74.574 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, 217, 174)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 174)  
}
```

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, 217, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 27.085, 74.574 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, 217, 174) }
```

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

```
.border{ border-color:rgb(255, 217, 174) }
```

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

Here you see how a box with a 4 pixel rgb(255, 217, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 174);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 27.085, 74.574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 217, 174) }
```

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

```
.background{ background-color: rgb(255,  
217, 174) }
```

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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