

Converting Colors

CIELCh(98, 56.670, 45.575)

Have a look what the booklet for
CIELCh(98, 56.670, 45.575) contains.

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Color

CIELCh(89, 27.724, 76.298)

Conversions

Conversions Part 1

Format	Color
Hex	FFDAAD
RGB	255, 218, 173
RGB Percent	100%, 85%, 68%
CMY	0.0014, 0.1464, 0.3228
CMYK	0.00, 0.15, 0.32, 0.00
HSL	33°, 99%, 84%
HSV	33°, 32%, 100%
XYZ	73.6040, 74.1641, 49.8051
YIQ	223.9330, 36.4970, -6.1510

Conversions

Conversions Part 2

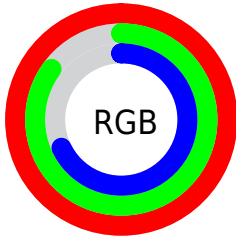
Format	Color
R _Y B	240, 255, 173
Decimal	16767661
CIE Lab	89.00, 6.57, 26.93
CIE LCh	89, 27.724, 76.298
Yxy	74.1641, 0.3725, 0.3754
Android (android.graphics.Color)	4294957741 (0xFFFFDAAD)
YUV	223.9330, -25.1100, 27.2458
Hunter-Lab	86.1186, 1.8531, 25.9938

Details

The CIELCh color **89, 27.724, 76.298** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **83, 26.022, 265.827**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 13.158, 109.183**, and **69, 27.810, 76.372** is the 20% darker color. If you saturate the color by 10%, you get **86, 37.033, 74.942**, and if you desaturate by 10%, it is **92, 18.740, 77.638**.

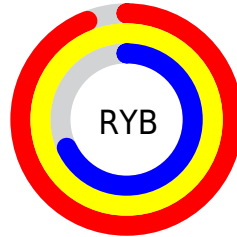
Distribution



Red (100%)

Green (85%)

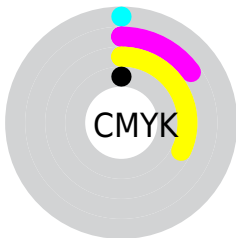
Blue (68%)



Red (94%)

Yellow (100%)

Blue (68%)

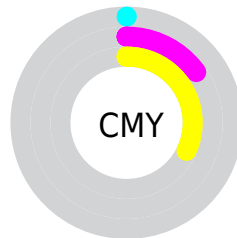


Cyan (0%)

Magenta (15%)

Yellow (32%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 27.724, 76.298 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, 27.724, 76.298 by changing the saturation by 10% instead.

 89, 27.724, 76.298

 89, 27.724, 76.298

 100, 27.724,
76.298

 79, 27.724, 76.298

 69, 27.724, 76.298

 59, 27.724, 76.298

 49, 27.724, 76.298

 39, 27.724, 76.298

 29, 27.724, 76.298

 19, 27.724, 76.298

 9, 27.724, 76.298

 0, 27.724, 76.298

89, 27.724, 76.298

89, 27.724, 76.298

86, 37.033, 74.942

92, 18.740, 77.638

83, 46.602, 73.545

96, 10.093, 78.931

80, 56.265, 72.090

99, 1.772, 80.025

77, 65.670, 70.513

100, 0.123,
204.793

74, 74.141, 68.671

71, 80.606, 66.299

69, 83.914, 63.986

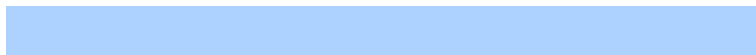
Harmonies

Complementary

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



89, 27.724, 76.298



83, 26.022, 265.827

Rectangle

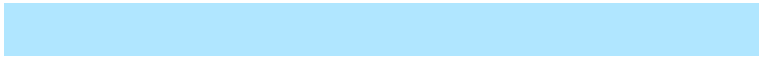
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89, 27.724, 76.298



89, 27.724, 126.298



89, 27.724, 256.298



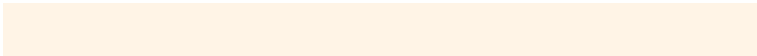
89, 27.724, 306.298

Sweetspot

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



89, 27.724, 76.305



97, 8.253, 79.205



79, 36.040, 348.686



51, 5.646, 79.030



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, 27.724, 76.305



87, 34.070, 75.379



98, 41.085, 108.520



51, 4.687, 79.267



53, 67.495, 64.672



17, 27.084, 66.742

Inverse Universe

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



83, 26.022, 265.827



79, 31.514, 267.360



74, 44.512, 295.332



50, 4.617, 261.853



39, 64.188, 288.613



11, 25.916, 282.459

Previews

White Background



This preview shows how the CIE LCh color 89, 27.724, 76.298 looks on a white background.

Color Contrast Check

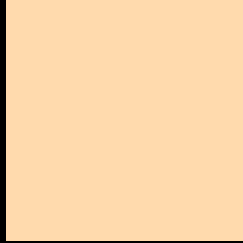
Large Text (above 18pt) WCAG AA × Fail

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 89, 27.724, 76.298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

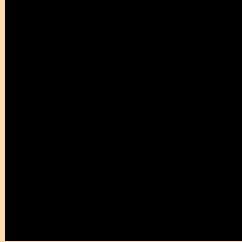
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 27.724, 76.298

Background



This preview shows how black text looks on a background with the CIELCh color 89, 27.724, 76.298.



This preview shows how white text looks on a background with the CIELCh color 89, 27.724, 76.298.

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](#).

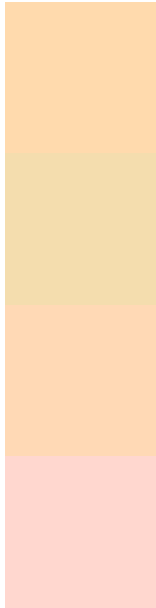
Dichromacy





Tritanopia
89, 16.718, 356.929

Trichromacy



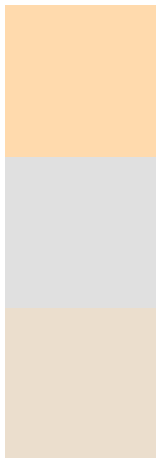
Original Color
89, 27.724, 76.298

Protanomaly
89, 26.010, 87.795

Deuteranomaly
89, 24.053, 70.358

Tritanomaly
89, 15.654, 35.683

Monochromacy



Original Color
89, 27.724, 76.298

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 10.053, 80.614

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 27.724, 76.298 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, 218, 173)` looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 173)  
}
```

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, 218, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 27.724, 76.298 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, 218, 173) }
```

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

```
.border{ border-color:rgb(255, 218, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 218, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 218, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 218, 173);  
box-shadow:4px 4px 4px 4px rgb(255, 218,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 27.724, 76.298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 218, 173) }
```

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

```
.background{ background-color: rgb(255,  
218, 173) }
```

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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