

Converting Colors

CIELCh(88, 24.574, 70.241)

Have a look what the booklet for
CIELCh(88, 24.574, 70.241) contains.

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Color

CIELCh(88, 24.807, 70.271)

Conversions

Conversions Part 1

Format	Color
Hex	FDD6B1
RGB	253, 214, 177
RGB Percent	99%, 84%, 69%
CMY	0.0083, 0.1612, 0.3063
CMYK	0.00, 0.15, 0.30, 0.01
HSL	29°, 95%, 84%
HSV	29°, 30%, 99%
XYZ	72.4067, 72.0653, 51.6304
YIQ	221.4430, 35.1210, -3.2390

Conversions

Conversions Part 2

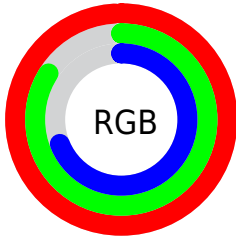
Format	Color
R _Y B	253, 249, 177
Decimal	16635569
CIE Lab	88.00, 8.37, 23.35
CIE LCh	88, 24.807, 70.271
Yxy	72.0653, 0.3692, 0.3675
Android (android.graphics.Color)	4294825649 (0xFFFD6B1)
YUV	221.4430, -21.9104, 27.6755
Hunter-Lab	84.8913, 3.6891, 23.3640

Details

The CIELCh color **88, 24.807, 70.271** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **85, 22.650, 258.732**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 11.136, 109.335**, and **68, 24.756, 70.182** is the 20% darker color. If you saturate the color by 10%, you get **84, 33.904, 69.034**, and if you desaturate by 10%, it is **92, 16.140, 71.512**.

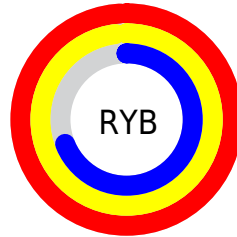
Distribution



Red (99%)

Green (84%)

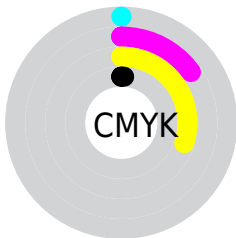
Blue (69%)



Red (99%)

Yellow (98%)

Blue (69%)

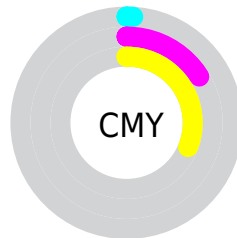


Cyan (0%)

Magenta (15%)

Yellow (30%)

Black (1%)



Cyan (1%)

Magenta (16%)

Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 24.807, 70.271 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 88, 24.807, 70.271 by changing the saturation by 10% instead.

 88, 24.807, 70.271

 88, 24.807, 70.271

 100, 24.807,
70.271

 78, 24.807, 70.271

 68, 24.807, 70.271

 58, 24.807, 70.271

 48, 24.807, 70.271

 38, 24.807, 70.271

 28, 24.807, 70.271

 18, 24.807, 70.271

 8, 24.807, 70.271

 0, 24.807, 70.271

88, 24.807, 70.271

88, 24.807, 70.271

84, 33.904, 69.034

92, 16.140, 71.512

81, 43.404, 67.781

95, 7.891, 72.715

78, 53.203, 66.503

99, 0.031, 59.166

74, 63.041, 65.144

100, 0.737,
200.258

71, 72.367, 63.570

68, 80.176, 61.509

66, 85.551, 58.736

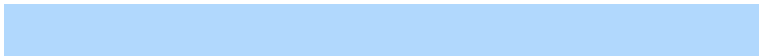
Harmonies

Complementary

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



88, 24.807, 70.271



85, 22.650, 258.732

Rectangle

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



88, 24.807, 70.271



88, 24.807, 120.271



88, 24.807, 250.271



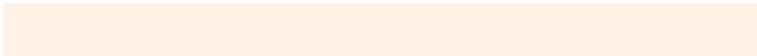
88, 24.807, 300.271

Sweetspot

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



88, 24.807, 70.278



97, 7.096, 72.836



80, 34.432, 345.539



51, 4.949, 72.668



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



88, 24.807, 70.278



86, 30.375, 69.537



97, 37.597, 106.533



51, 4.488, 72.778



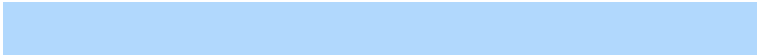
51, 69.076, 59.430



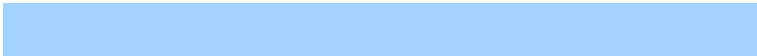
16, 27.025, 60.526

Inverse Universe

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



85, 22.650, 258.732



83, 27.171, 260.005



75, 40.383, 293.298



51, 4.380, 255.286



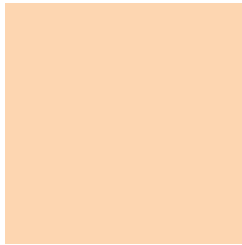
42, 56.794, 282.875



12, 23.179, 276.218

Previews

White Background



This preview shows how the CIE LCh color 88, 24.807, 70.271 looks on a white background.

Color Contrast Check

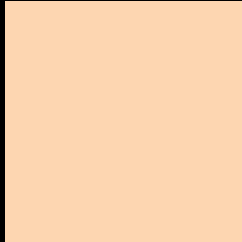
Large Text (above 18pt) WCAG AA × Fail

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 88, 24.807, 70.271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

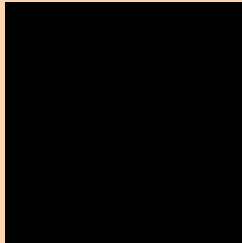
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 24.807, 70.271

Background



This preview shows how black text looks on a background with the CIELCh color 88, 24.807, 70.271.



This preview shows how white text looks on a background with the CIELCh color 88, 24.807, 70.271.

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
88, 24.807, 70.271

Protanopia
88, 21.461, 93.781

Deuteranopia
88, 24.002, 65.314



Tritanopia
88, 18.320, 357.471

Trichromacy



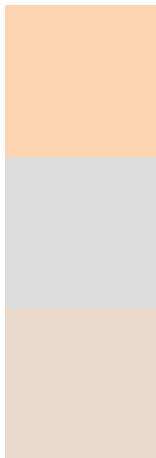
Original Color
88, 24.807, 70.271

Protanomaly
88, 22.205, 84.635

Deuteranomaly
88, 24.123, 66.752

Tritanomaly
88, 16.431, 29.580

Monochromacy



Original Color
88, 24.807, 70.271

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 8.762, 69.995

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 24.807, 70.271 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(253, 214, 177)` looks like.

```
.text, #text, p{  
    color:rgb(253, 214, 177)  
}
```

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(253, 214, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 214, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 24.807, 70.271 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(253, 214, 177) }
```

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

```
.border{ border-color:rgb(253, 214, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 214, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(253, 214, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(253, 214, 177); box-shadow:4px 4px 4px 4px rgb(253, 214, 177) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 24.807, 70.271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 214, 177) }
```

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

```
.background{ background-color: rgb(253,  
214, 177) }
```

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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