

Converting Colors

CIELCh(88, 25.901, 78.738)

Have a look what the booklet for
CIELCh(88, 25.901, 78.738) contains.

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Color

CIELCh(88, 25.798, 78.935)

Conversions

Conversions Part 1

Format	Color
Hex	F8D8AD
RGB	248, 216, 173
RGB Percent	97%, 85%, 68%
CMY	0.0276, 0.1530, 0.3217
CMYK	0.00, 0.13, 0.30, 0.03
HSL	34°, 84%, 83%
HSV	34°, 30%, 97%
XYZ	70.7907, 72.0653, 49.7009
YIQ	220.6660, 32.8750, -6.5890

Conversions

Conversions Part 2

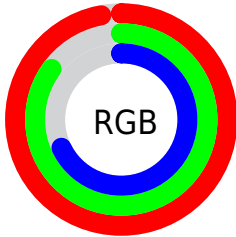
Format	Color
RYB	229, 248, 173
Decimal	16308397
CIELab	88.00, 4.95, 25.32
CIElCh	88, 25.798, 78.935
Yxy	72.0653, 0.3676, 0.3743
Android (android.graphics.Color)	4294498477 (0xFFFF8D8AD)
YUV	220.6660, -23.4993, 23.9719
Hunter-Lab	84.8913, 0.2911, 24.7117

Details

The CIELCh color **88, 25.798, 78.935** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **81, 24.613, 267.818**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 13.158, 109.183**, and **68, 25.996, 78.454** is the 20% darker color. If you saturate the color by 10%, you get **85, 34.912, 77.564**, and if you desaturate by 10%, it is **91, 16.968, 80.284**.

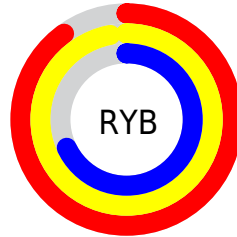
Distribution



Red (97%)

Green (85%)

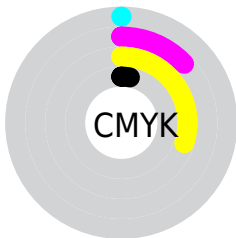
Blue (68%)



Red (90%)

Yellow (97%)

Blue (68%)

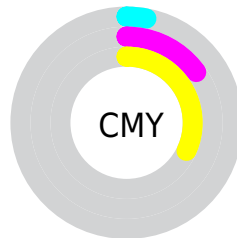


Cyan (0%)

Magenta (13%)

Yellow (30%)

Black (3%)



Cyan (3%)

Magenta (15%)

Yellow (32%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 25.798, 78.935 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, 25.798, 78.935 by changing the saturation by 10% instead.

 88, 25.798, 78.935

 88, 25.798, 78.935

 100, 25.798,
78.935

 78, 25.798, 78.935

 68, 25.798, 78.935

 58, 25.798, 78.935

 48, 25.798, 78.935

 38, 25.798, 78.935

 28, 25.798, 78.935

 18, 25.798, 78.935

 8, 25.798, 78.935

 0, 25.798, 78.935

88, 25.798, 78.935

88, 25.798, 78.935

85, 34.912, 77.564

91, 16.968, 80.284

82, 44.247, 76.148

94, 8.434, 81.578

79, 53.656, 74.676

97, 0.188, 80.960

76, 62.823, 73.096

99, 2.436, 199.523

74, 71.148, 71.293

71, 77.664, 69.047

69, 81.641, 66.255

Harmonies

Complementary

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



88, 25.798, 78.935



81, 24.613, 267.818

Rectangle

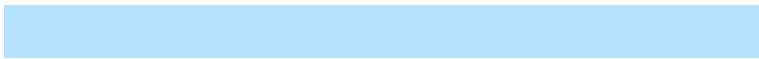
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88, 25.798, 78.935



88, 25.798, 128.935



88, 25.798, 258.935



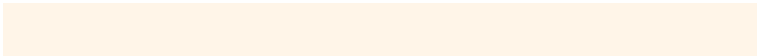
88, 25.798, 308.935

Sweetspot

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



88, 25.799, 78.942



97, 7.563, 81.731



79, 32.510, 350.474



51, 5.269, 81.550



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

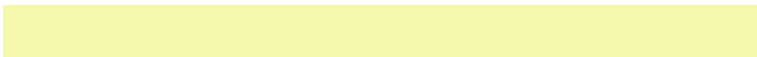
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88, 25.799, 78.942



88, 31.726, 78.145



96, 37.881, 110.165



51, 4.703, 81.671



54, 66.380, 66.902



17, 26.036, 69.145

Inverse Universe

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



81, 24.613, 267.818



80, 29.974, 269.063



74, 40.784, 296.122



49, 4.648, 264.257



37, 66.493, 290.529



10, 26.157, 284.258

Previews

White Background



This preview shows how the CIELCh color 88, 25.798, 78.935 looks on a white background.

Color Contrast Check

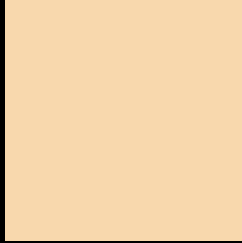
Large Text (above 18pt) WCAG AA × Fail

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 88, 25.798, 78.935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

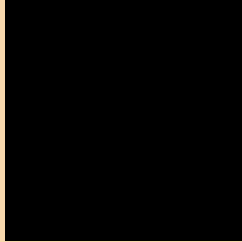
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 25.798, 78.935

Background



This preview shows how black text looks on a background with the CIELCh color 88, 25.798, 78.935.



This preview shows how white text looks on a background with the CIELCh color 88, 25.798, 78.935.

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, 25.798, 78.935

Protanopia

88, 24.070, 94.118

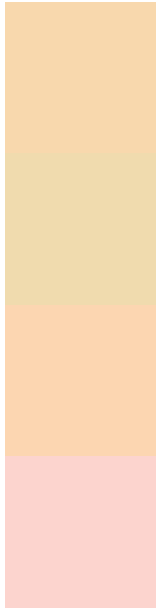
Deuteranopia

88, 24.401, 66.073



Tritanopia
88, 18.379, 353.961

Trichromacy



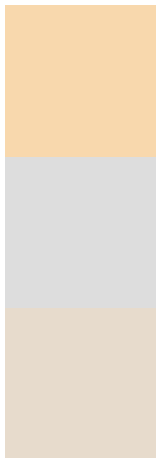
Original Color
88, 25.798, 78.935

Protanomaly
88, 24.797, 88.790

Deuteranomaly
88, 24.552, 70.988

Tritanomaly
88, 15.399, 32.052

Monochromacy



Original Color
88, 25.798, 78.935

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 8.979, 79.664

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 25.798, 78.935 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(248, 216, 173)` looks like.

```
.text, #text, p{  
    color:rgb(248, 216, 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(248, 216, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 216, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 25.798, 78.935 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(248, 216, 173) }
```

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

```
.border{ border-color:rgb(248, 216, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 216, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 216, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 216, 173);  
box-shadow:4px 4px 4px 4px rgb(248, 216,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 25.798, 78.935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 216, 173) }
```

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

```
.background{ background-color: rgb(248,  
216, 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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