

Converting Colors

CIELCh(99, 68.814, 47.413)

Have a look what the booklet for
CIELCh(99, 68.814, 47.413) contains.

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Color

CIELCh(88, 34.636, 78.920)

Conversions

Conversions Part 1

Format	Color
Hex	FFD69C
RGB	255, 214, 156
RGB Percent	100%, 84%, 61%
CMY	0.0000, 0.1591, 0.3866
CMYK	0.00, 0.16, 0.39, 0.00
HSL	35°, 100%, 81%
HSV	35°, 39%, 100%
XYZ	71.5926, 72.0653, 41.7682
YIQ	219.6470, 43.0540, -9.3460

Conversions

Conversions Part 2

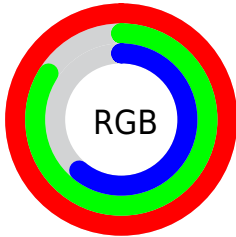
Format	Color
R _Y B	226, 255, 156
Decimal	16766620
CIE Lab	88.00, 6.66, 33.99
CIE LCh	88, 34.636, 78.920
Yxy	72.0653, 0.3861, 0.3886
Android (android.graphics.Color)	4294956700 (0xFFFFD69C)
YUV	219.6470, -31.3780, 31.0046
Hunter-Lab	84.8913, 1.9774, 30.2520

Details

The CIELCh color **88, 34.636, 78.920** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **79, 32.806, 271.087**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 22.227, 108.494**, and **68, 34.643, 78.344** is the 20% darker color. If you saturate the color by 10%, you get **85, 44.086, 77.765**, and if you desaturate by 10%, it is **91, 25.212, 80.570**.

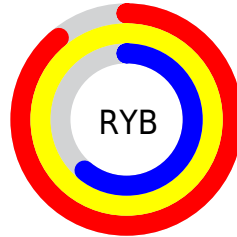
Distribution



Red (100%)

Green (84%)

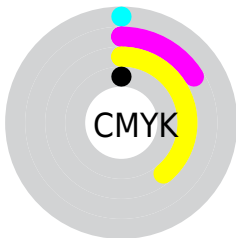
Blue (61%)



Red (89%)

Yellow (100%)

Blue (61%)

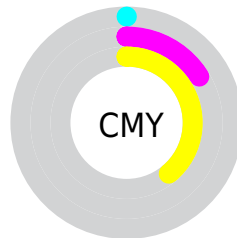


Cyan (0%)

Magenta (16%)

Yellow (39%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (39%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 34.636, 78.920 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, 34.636, 78.920 by changing the saturation by 10% instead.

 88, 34.636, 78.920

 88, 34.636, 78.920

 100, 34.636,
78.920

 78, 34.636, 78.920

 68, 34.636, 78.920

 58, 34.636, 78.920

 48, 34.636, 78.920

 38, 34.636, 78.920

 28, 34.636, 78.920

 18, 34.636, 78.920

 8, 34.636, 78.920

 0, 34.636, 78.920

88, 34.636, 78.920

88, 34.636, 78.920

85, 44.086, 77.765

91, 25.212, 80.570

82, 53.696, 76.288

94, 16.150, 81.915

79, 63.073, 74.712

97, 7.372, 83.203

77, 71.642, 72.939

100, 0.012,
296.813

74, 78.465, 70.774

72, 82.629, 67.974

72, 83.104, 67.589

Harmonies

Complementary

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



88, 34.636, 78.920



79, 32.806, 271.087

Rectangle

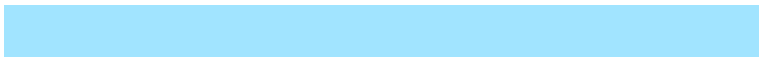
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88, 34.636, 78.920



88, 34.636, 128.920



88, 34.636, 258.920



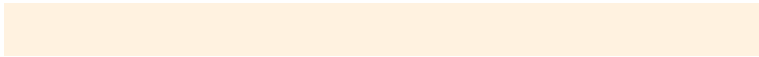
88, 34.636, 308.920

Sweetspot

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



88, 34.543, 79.187



96, 10.268, 82.783



76, 42.263, 352.670



51, 6.826, 82.615



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, 34.543, 79.187



86, 41.529, 78.148



97, 49.195, 110.193



52, 4.844, 83.098



55, 66.839, 68.244



18, 27.295, 70.719

Inverse Universe

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



79, 32.806, 271.087



75, 39.082, 272.909



69, 54.309, 297.866



50, 4.797, 265.685



37, 69.119, 291.697



10, 27.791, 285.880

Previews

White Background



This preview shows how the CIELCh color 88, 34.636, 78.920 looks on a white background.

Color Contrast Check

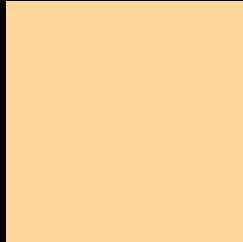
Large Text (above 18pt) WCAG AA × Fail

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, 34.636, 78.920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

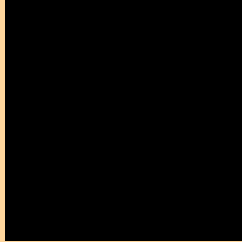
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 34.636, 78.920

Background



This preview shows how black text looks on a background with the CIELCh color 88, 34.636, 78.920.



This preview shows how white text looks on a background with the CIELCh color 88, 34.636, 78.920.

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, 34.636, 78.920

Protanopia

88, 32.745, 95.501

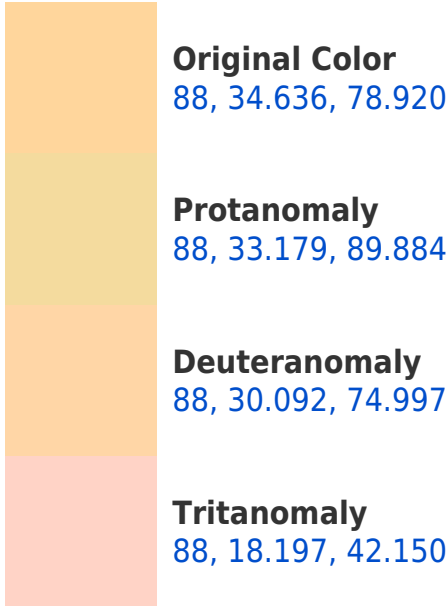
Deuteranopia

88, 27.305, 70.702

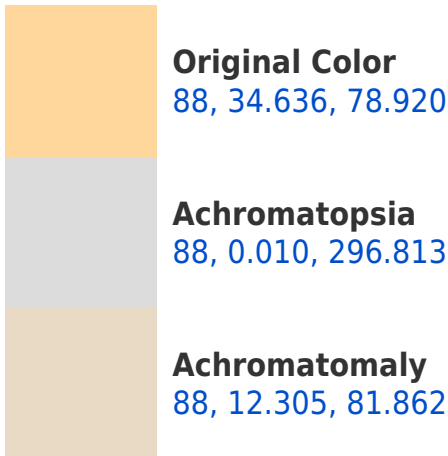


Tritanopia
88, 18.146, 358.997

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 34.636, 78.920 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, 214, 156)` looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 156)  
}
```

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, 214, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 34.636, 78.920 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, 214, 156) }
```

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

```
.border{ border-color:rgb(255, 214, 156) }
```

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

Here you see how a box with a 4 pixel rgb(255, 214, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 156);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 34.636, 78.920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 214, 156) }
```

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

```
.background{ background-color: rgb(255,  
214, 156) }
```

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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