

Converting Colors

CIELCh(89, 36.021, 82.825)

Have a look what the booklet for
CIELCh(89, 36.021, 82.825) contains.

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Color

CIELCh(89, 35.840, 83.451)

Conversions

Conversions Part 1

Format	Color
Hex	FFDB9C
RGB	255, 219, 156
RGB Percent	100%, 86%, 61%
CMY	0.0009, 0.1420, 0.3890
CMYK	0.00, 0.14, 0.39, 0.00
HSL	38°, 100%, 81%
HSV	38°, 39%, 100%
XYZ	72.4181, 74.1641, 41.8617
YIQ	222.5820, 41.6790, -11.9610

Conversions

Conversions Part 2

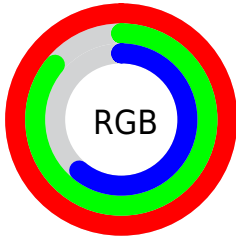
Format	Color
R _Y B	213, 255, 156
Decimal	16767900
CIE Lab	89.00, 4.09, 35.61
CIE LCh	89, 35.840, 83.451
Yxy	74.1641, 0.3843, 0.3936
Android (android.graphics.Color)	4294957980 (0xFFFFDB9C)
YUV	222.5820, -32.8249, 28.4306
Hunter-Lab	86.1186, -0.6050, 31.4625

Details

The CIELCh color **89, 35.840, 83.451** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **77, 35.012, 275.294**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 22.227, 108.494**, and **69, 35.812, 83.114** is the 20% darker color. If you saturate the color by 10%, you get **86, 45.481, 82.025**, and if you desaturate by 10%, it is **92, 26.312, 84.843**.

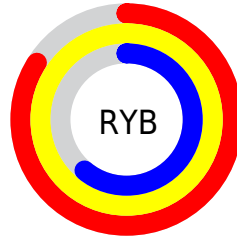
Distribution



Red (100%)

Green (86%)

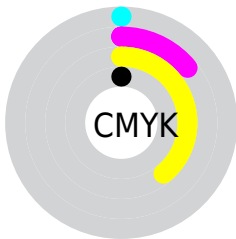
Blue (61%)



Red (84%)

Yellow (100%)

Blue (61%)

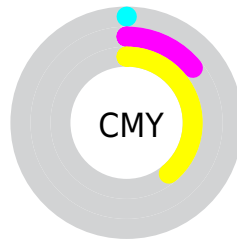


Cyan (0%)

Magenta (14%)

Yellow (39%)

Black (0%)



Cyan (0%)

Magenta (14%)

Yellow (39%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 35.840, 83.451 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, 35.840, 83.451 by changing the saturation by 10% instead.

 89, 35.840, 83.451

 89, 35.840, 83.451

 100, 35.840,
83.451

 79, 35.840, 83.451

 69, 35.840, 83.451

 59, 35.840, 83.451

 49, 35.840, 83.451

 39, 35.840, 83.451

 29, 35.840, 83.451

 19, 35.840, 83.451

 9, 35.840, 83.451

 0, 35.840, 83.451

89, 35.840, 83.451

89, 35.840, 83.451

86, 45.481, 82.025

92, 26.312, 84.843

84, 55.062, 80.537

95, 16.976, 86.188

81, 64.243, 78.954

97, 7.863, 87.475

79, 72.418, 77.191

100, 0.077,
207.997

77, 78.653, 75.083

75, 82.155, 72.436

74, 82.490, 72.122

Harmonies

Complementary

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



89, 35.840, 83.451



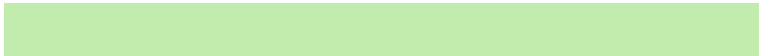
77, 35.012, 275.294

Rectangle

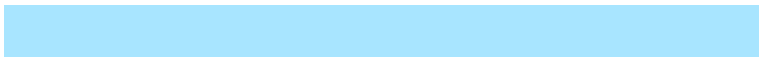
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89, 35.840, 83.451



89, 35.840, 133.451



89, 35.840, 263.451



89, 35.840, 313.451

Sweetspot

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



89, 35.841, 83.456



97, 10.719, 87.078



75, 41.499, 356.020



51, 7.122, 86.910



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, 35.841, 83.456



87, 43.729, 82.293



97, 49.562, 112.407



52, 5.061, 87.393



57, 66.463, 72.715



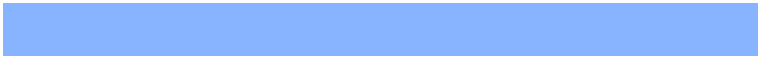
19, 27.727, 75.447

Inverse Universe

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



77, 35.012, 275.294



73, 42.610, 277.290



69, 54.612, 299.413



50, 5.042, 269.943



34, 75.182, 294.918



9, 30.158, 289.516

Previews

White Background



This preview shows how the CIELCh color 89, 35.840, 83.451 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, 35.840, 83.451 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, 35.840, 83.451

Background



This preview shows how black text looks on a background with the CIELCh color 89, 35.840, 83.451.



This preview shows how white text looks on a background with the CIELCh color 89, 35.840, 83.451.

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, 35.840, 83.451

Protanopia

89, 34.655, 96.018

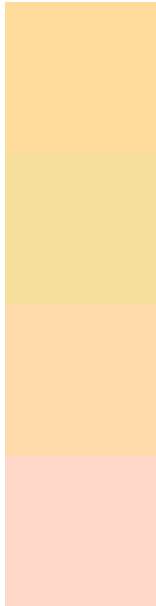
Deuteranopia

89, 24.904, 71.676



Tritanopia
89, 16.718, 356.929

Trichromacy



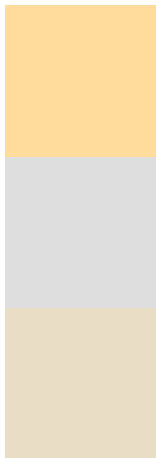
Original Color
89, 35.840, 83.451

Protanomaly
89, 34.928, 91.328

Deuteranomaly
89, 28.627, 77.238

Tritanomaly
89, 17.182, 47.094

Monochromacy



Original Color
89, 35.840, 83.451

Achromatopsia
88, 0.011, 296.813

Achromatomaly
89, 12.902, 86.858

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 35.840, 83.451 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, 219, 156)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 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, 219, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 35.840, 83.451 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, 219, 156) }
```

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

```
.border{ border-color:rgb(255, 219, 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, 219, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 156);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 35.840, 83.451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 156) }
```

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

```
.background{ background-color: rgb(255,  
219, 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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