

Converting Colors

CIELCh(89, 33.612, 84.029)

Have a look what the booklet for
CIELCh(89, 33.612, 84.029) contains.

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Color

CIELCh(89, 33.594, 83.573)

Conversions

Conversions Part 1

Format	Color
Hex	FDDBA0
RGB	253, 219, 160
RGB Percent	99%, 86%, 63%
CMY	0.0074, 0.1407, 0.3721
CMYK	0.00, 0.13, 0.37, 0.01
HSL	38°, 96%, 81%
HSV	38°, 37%, 99%
XYZ	72.2625, 74.1641, 43.8112
YIQ	222.4400, 39.2030, -11.1410

Conversions

Conversions Part 2

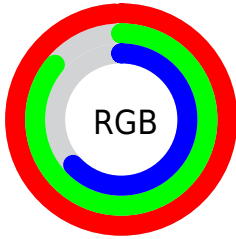
Format	Color
R _Y B	214, 253, 160
Decimal	16636832
CIE Lab	89.00, 3.76, 33.38
CIE LCh	89, 33.594, 83.573
Yxy	74.1641, 0.3799, 0.3898
Android (android.graphics.Color)	4294826912 (0xFFFDDBA0)
YUV	222.4400, -30.7829, 26.8011
Hunter-Lab	86.1186, -0.9274, 30.1204

Details

The CIELCh color **89, 33.594, 83.573** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **78, 32.816, 274.651**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 20.216, 108.647**, and **69, 33.462, 83.358** is the 20% darker color. If you saturate the color by 10%, you get **86, 43.165, 82.157**, and if you desaturate by 10%, it is **92, 24.163, 84.957**.

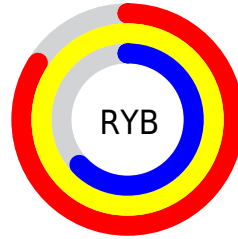
Distribution



Red (99%)

Green (86%)

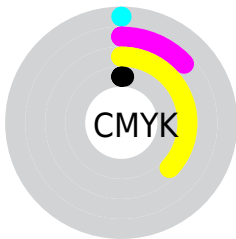
Blue (63%)



Red (84%)

Yellow (99%)

Blue (63%)

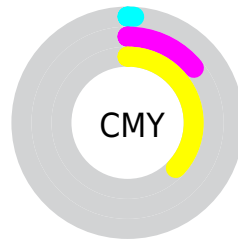


Cyan (0%)

Magenta (13%)

Yellow (37%)

Black (1%)



Cyan (1%)

Magenta (14%)

Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 33.594, 83.573 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, 33.594, 83.573 by changing the saturation by 10% instead.

 89, 33.594, 83.573

 89, 33.594, 83.573

 100, 33.594,
83.573

 79, 33.594, 83.573

 69, 33.594, 83.573

 59, 33.594, 83.573

 49, 33.594, 83.573

 39, 33.594, 83.573

 29, 33.594, 83.573

 19, 33.594, 83.573

 9, 33.594, 83.573

 0, 33.594, 83.573

89, 33.594, 83.573

89, 33.594, 83.573

86, 43.165, 82.157

92, 24.163, 84.957

84, 52.727, 80.684

95, 14.935, 86.291

81, 61.989, 79.126

97, 5.933, 87.559

79, 70.413, 77.410

100, 0.656,
200.374

77, 77.134, 75.391

74, 81.163, 72.841

74, 82.092, 71.941

Harmonies

Complementary

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



89, 33.594, 83.573



78, 32.816, 274.651

Rectangle

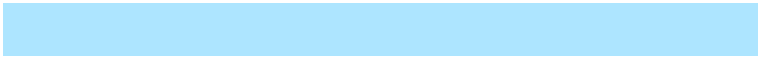
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89, 33.594, 83.573



89, 33.594, 133.573



89, 33.594, 263.573



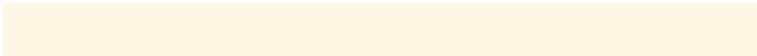
89, 33.594, 313.573

Sweetspot

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



89, 33.595, 83.578



97, 9.793, 87.032



76, 39.014, 355.696



51, 6.593, 86.859



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, 33.595, 83.578



88, 40.775, 82.550



97, 46.736, 112.565



52, 5.051, 87.220



57, 66.470, 72.524



18, 27.705, 75.251

Inverse Universe

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



78, 32.816, 274.651



74, 39.706, 276.362



70, 51.168, 299.135



50, 5.031, 269.772



34, 74.926, 294.793



9, 30.056, 289.373

Previews

White Background



This preview shows how the CIELCh color 89, 33.594, 83.573 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, 33.594, 83.573 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, 33.594, 83.573

Background



This preview shows how black text looks on a background with the CIELCh color 89, 33.594, 83.573.



This preview shows how white text looks on a background with the CIELCh color 89, 33.594, 83.573.

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, 33.594, 83.573

Protanopia

89, 32.285, 94.710

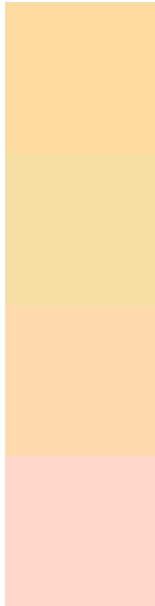
Deuteranopia

89, 24.053, 70.358



Tritanopia
89, 16.718, 356.929

Trichromacy



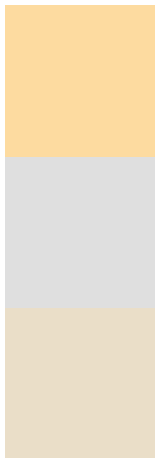
Original Color
89, 33.594, 83.573

Protanomaly
89, 32.846, 91.275

Deuteranomaly
89, 27.504, 76.996

Tritanomaly
89, 16.321, 44.591

Monochromacy



Original Color
89, 33.594, 83.573

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 12.264, 87.660

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 33.594, 83.573 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, 219, 160)` looks like.

```
.text, #text, p{  
    color:rgb(253, 219, 160)  
}
```

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, 219, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 219, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 33.594, 83.573 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, 219, 160) }
```

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

```
.border{ border-color:rgb(253, 219, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 219, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 219, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 219, 160);  
box-shadow:4px 4px 4px 4px rgb(253, 219,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 33.594, 83.573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 219, 160) }
```

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

```
.background{ background-color: rgb(253,  
219, 160) }
```

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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