

Converting Colors

CIELCh(89, 36.258, 84.608)

Have a look what the booklet for
CIELCh(89, 36.258, 84.608) contains.

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Color

CIELCh(89, 36.139, 84.296)

Conversions

Conversions Part 1

Format	Color
Hex	FEDB9B
RGB	254, 219, 155
RGB Percent	100%, 86%, 61%
CMY	0.0036, 0.1408, 0.3918
CMYK	0.00, 0.14, 0.39, 0.00
HSL	39°, 98%, 80%
HSV	39°, 39%, 100%
XYZ	72.1824, 74.1641, 41.5569
YIQ	222.1690, 41.4040, -12.4840

Conversions

Conversions Part 2

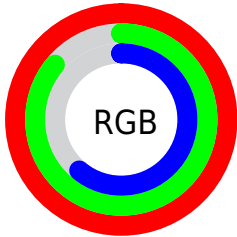
Format	Color
R _Y B	209, 254, 155
Decimal	16702363
CIE Lab	89.00, 3.59, 35.96
CIE LCh	89, 36.139, 84.296
Yxy	74.1641, 0.3841, 0.3947
Android (android.graphics.Color)	4294892443 (0xFFFE DB9B)
YUV	222.1690, -33.1143, 27.9158
Hunter-Lab	86.1186, -1.0934, 31.6724

Details

The CIELCh color **89, 36.139, 84.296** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **77, 35.500, 276.134**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 22.729, 108.455**, and **69, 36.115, 83.994** is the 20% darker color. If you saturate the color by 10%, you get **86, 45.788, 82.873**, and if you desaturate by 10%, it is **92, 26.582, 85.685**.

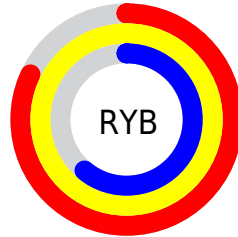
Distribution



Red (100%)

Green (86%)

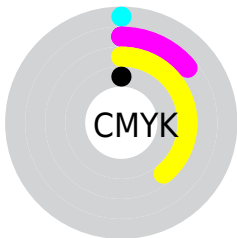
Blue (61%)



Red (82%)

Yellow (100%)

Blue (61%)

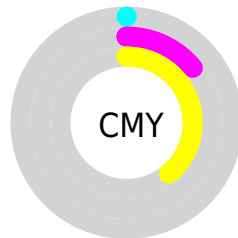


Cyan (0%)

Magenta (14%)

Yellow (39%)

Black (0%)



Cyan (0%)

Magenta (14%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 36.139, 84.296 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, 36.139, 84.296 by changing the saturation by 10% instead.

 89, 36.139, 84.296

 89, 36.139, 84.296

 100, 36.139,
84.296

 79, 36.139, 84.296

 69, 36.139, 84.296

 59, 36.139, 84.296

 49, 36.139, 84.296

 39, 36.139, 84.296

 29, 36.139, 84.296

 19, 36.139, 84.296

 9, 36.139, 84.296

 0, 36.139, 84.296

89, 36.139, 84.296

89, 36.139, 84.296

86, 45.788, 82.873

92, 26.582, 85.685

84, 55.347, 81.388

94, 17.200, 87.027

82, 64.471, 79.810

97, 8.028, 88.311

79, 72.543, 78.056

100, 0.316,
201.481

77, 78.635, 75.969

75, 81.994, 73.366

75, 82.282, 73.089

Harmonies

Complementary

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



89, 36.139, 84.296



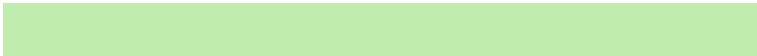
77, 35.500, 276.134

Rectangle

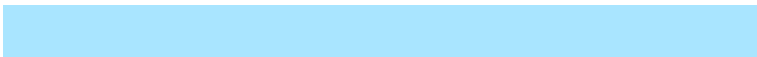
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89, 36.139, 84.296



89, 36.139, 134.296



89, 36.139, 264.296



89, 36.139, 314.296

Sweetspot

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



89, 36.140, 84.301



97, 10.820, 87.929



75, 41.534, 356.038



51, 7.189, 87.762



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, 36.140, 84.301



87, 44.020, 83.156



97, 49.597, 112.399



52, 5.110, 88.244



57, 66.446, 73.662



19, 27.841, 76.416

Inverse Universe

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



77, 35.500, 276.134



72, 43.194, 278.092



69, 54.669, 299.428



50, 5.097, 270.782



34, 76.450, 295.528



9, 30.663, 290.213

Previews

White Background



This preview shows how the CIELCh color 89, 36.139, 84.296 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, 36.139, 84.296 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

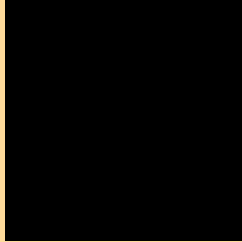
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 36.139, 84.296

Background



This preview shows how black text looks on a background with the CIELCh color 89, 36.139, 84.296.



This preview shows how white text looks on a background with the CIELCh color 89, 36.139, 84.296.

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, 36.139, 84.296

Protanopia

89, 35.151, 96.123

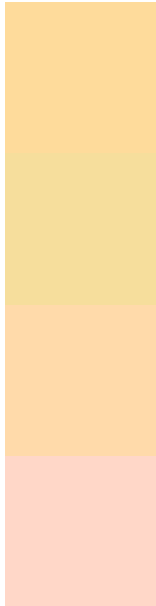
Deuteranopia

89, 24.904, 71.676



Tritanopia
89, 16.718, 356.929

Trichromacy



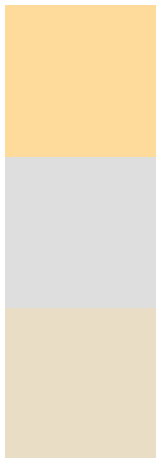
Original Color
89, 36.139, 84.296

Protanomaly
89, 35.418, 91.493

Deuteranomaly
89, 29.082, 77.683

Tritanomaly
89, 17.182, 47.094

Monochromacy



Original Color
89, 36.139, 84.296

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, 36.139, 84.296 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(254, 219, 155)` looks like.

```
.text, #text, p{  
    color:rgb(254, 219, 155)  
}
```

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(254, 219, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 219, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 36.139, 84.296 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(254, 219, 155) }
```

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

```
.border{ border-color:rgb(254, 219, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 219, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 219, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 219, 155);  
box-shadow:4px 4px 4px 4px rgb(254, 219,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 36.139, 84.296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 219, 155) }
```

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

```
.background{ background-color: rgb(254,  
219, 155) }
```

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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