

Converting Colors

CIELCh(89, 33.270, 82.673)

Have a look what the booklet for
CIELCh(89, 33.270, 82.673) contains.

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Color

CIELCh(89, 33.301, 82.654)

Conversions

Conversions Part 1

Format	Color
Hex	FEDBA1
RGB	254, 219, 161
RGB Percent	100%, 86%, 63%
CMY	0.0047, 0.1419, 0.3693
CMYK	0.00, 0.14, 0.37, 0.00
HSL	37°, 97%, 81%
HSV	37°, 37%, 100%
XYZ	72.4991, 74.1641, 44.1281
YIQ	222.8530, 39.4780, -10.6180

Conversions

Conversions Part 2

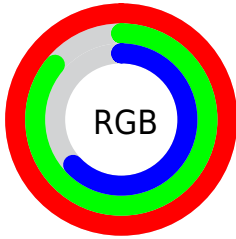
Format	Color
RYB	217, 254, 161
Decimal	16702369
CIELab	89.00, 4.26, 33.03
CIELCh	89, 33.301, 82.654
Yxy	74.1641, 0.3800, 0.3887
Android (android.graphics.Color)	4294892449 (0xFF FEDBA1)
YUV	222.8530, -30.4935, 27.3159
Hunter-Lab	86.1186, -0.4371, 29.9022

Details

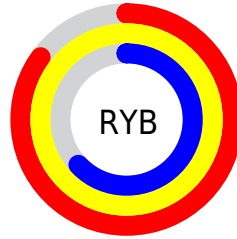
The CIELCh color **89, 33.301, 82.654** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **79, 32.347, 273.732**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 19.713, 108.686**, and **69, 33.162, 82.396** is the 20% darker color. If you saturate the color by 10%, you get **86, 42.860, 81.237**, and if you desaturate by 10%, it is **92, 23.903, 84.040**.

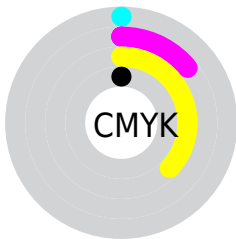
Distribution



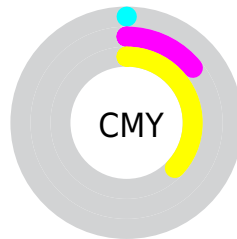
- Red (100%)
- Green (86%)
- Blue (63%)



- Red (85%)
- Yellow (100%)
- Blue (63%)



- Cyan (0%)
- Magenta (14%)
- Yellow (37%)
- Black (0%)



- Cyan (0%)
- Magenta (14%)
- Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 33.301, 82.654 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, 33.301, 82.654 by changing the saturation by 10% instead.

 89, 33.301, 82.654

 89, 33.301, 82.654

 100, 33.301,
82.654

 79, 33.301, 82.654

 69, 33.301, 82.654

 59, 33.301, 82.654

 49, 33.301, 82.654

 39, 33.301, 82.654

 29, 33.301, 82.654

 19, 33.301, 82.654

 9, 33.301, 82.654

 0, 33.301, 82.654

89, 33.301, 82.654

89, 33.301, 82.654

86, 42.860, 81.237

92, 23.903, 84.040

84, 52.438, 79.763

95, 14.726, 85.376

81, 61.752, 78.203

98, 5.788, 86.645

79, 70.274, 76.482

100, 0.417,
200.969

76, 77.140, 74.449

74, 81.333, 71.865

73, 82.338, 70.916

Harmonies

Complementary

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



89, 33.301, 82.654



79, 32.347, 273.732

Rectangle

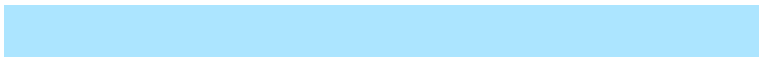
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89, 33.301, 82.654



89, 33.301, 132.654



89, 33.301, 262.654



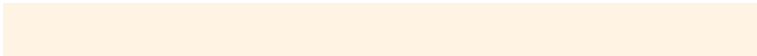
89, 33.301, 312.654

Sweetspot

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



89, 33.302, 82.659



97, 9.697, 86.104



76, 39.265, 354.561



51, 6.528, 85.931



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, 33.302, 82.659



87, 40.486, 81.615



97, 46.639, 111.838



52, 5.001, 86.292



56, 66.516, 71.520



18, 27.594, 74.208

Inverse Universe

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



79, 32.347, 273.732



75, 39.146, 275.477



70, 51.089, 298.600



50, 4.975, 268.855



35, 73.573, 294.115



9, 29.522, 288.602

Previews

White Background



This preview shows how the CIELCh color 89, 33.301, 82.654 looks on a white background.

Color Contrast Check

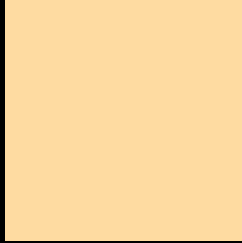
Large Text (above 18pt) WCAG AA × Fail

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, 33.301, 82.654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

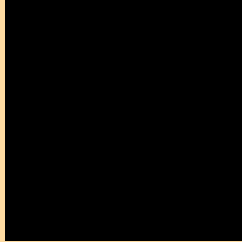
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 33.301, 82.654

Background



This preview shows how black text looks on a background with the CIELCh color 89, 33.301, 82.654.



This preview shows how white text looks on a background with the CIELCh color 89, 33.301, 82.654.

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, 33.301, 82.654

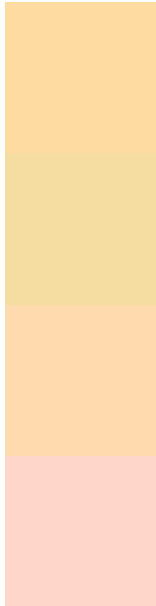
Protanopia
89, 31.695, 95.270

Deuteranopia
89, 24.053, 70.358



Tritanopia
89, 16.718, 356.929

Trichromacy



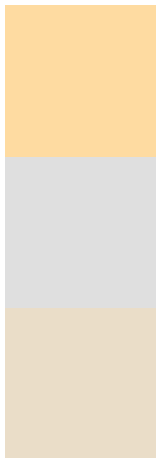
Original Color
89, 33.301, 82.654

Protanomaly
89, 32.015, 90.184

Deuteranomaly
89, 27.275, 75.802

Tritanomaly
89, 16.677, 44.060

Monochromacy



Original Color
89, 33.301, 82.654

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 11.940, 85.120

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 33.301, 82.654 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, 161)` looks like.

```
.text, #text, p{  
    color:rgb(254, 219, 161)  
}
```

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, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 219, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 33.301, 82.654 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, 161) }
```

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

```
.border{ border-color:rgb(254, 219, 161) }
```

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, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 219, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 219, 161);  
box-shadow:4px 4px 4px 4px rgb(254, 219,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 33.301, 82.654 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, 161) }
```

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

```
.background{ background-color: rgb(254,  
219, 161) }
```

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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