

Converting Colors

CIELCh(95, 47.710, 56.234)

Have a look what the booklet for
CIELCh(95, 47.710, 56.234) contains.

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Color

CIELCh(89, 31.861, 81.722)

Conversions

Conversions Part 1

Format	Color
Hex	FEDBA4
RGB	254, 219, 164
RGB Percent	100%, 86%, 64%
CMY	0.0054, 0.1424, 0.3579
CMYK	0.00, 0.14, 0.35, 0.01
HSL	37°, 97%, 82%
HSV	37°, 35%, 99%
XYZ	72.6560, 74.1641, 45.4822
YIQ	223.1950, 38.5150, -9.6850

Conversions

Conversions Part 2

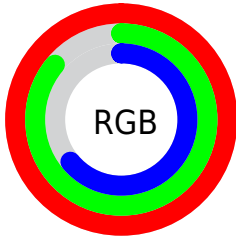
Format	Color
RYB	221, 254, 164
Decimal	16702372
CIELab	89.00, 4.59, 31.53
CIELCh	89, 31.861, 81.722
Yxy	74.1641, 0.3778, 0.3857
Android (android.graphics.Color)	4294892452 (0xFFFEDBA4)
YUV	223.1950, -29.1831, 27.0160
Hunter-Lab	86.1186, -0.1118, 28.9700

Details

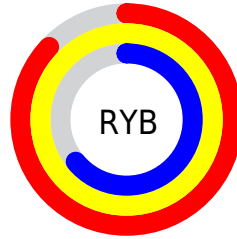
The CIELCh color **89, 31.861, 81.722** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **79, 30.775, 272.403**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 18.203, 108.801**, and **69, 31.688, 81.457** is the 20% darker color. If you saturate the color by 10%, you get **86, 41.363, 80.311**, and if you desaturate by 10%, it is **92, 22.553, 83.103**.

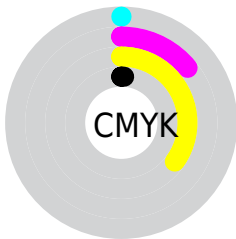
Distribution



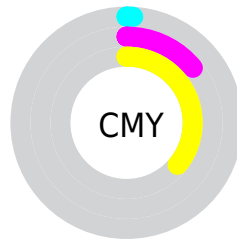
- Red (100%)
- Green (86%)
- Blue (64%)



- Red (87%)
- Yellow (100%)
- Blue (64%)



- Cyan (0%)
- Magenta (14%)
- Yellow (35%)
- Black (1%)



- Cyan (1%)
- Magenta (14%)
- Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 31.861, 81.722 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, 31.861, 81.722 by changing the saturation by 10% instead.

 89, 31.861, 81.722

 89, 31.861, 81.722

 100, 31.861,
81.722

 79, 31.861, 81.722

 69, 31.861, 81.722

 59, 31.861, 81.722

 49, 31.861, 81.722

 39, 31.861, 81.722

 29, 31.861, 81.722

 19, 31.861, 81.722

 9, 31.861, 81.722

 0, 31.861, 81.722

89, 31.861, 81.722

89, 31.861, 81.722

86, 41.363, 80.311

92, 22.553, 83.103

83, 50.937, 78.845

95, 13.487, 84.435

81, 60.329, 77.299

98, 4.676, 85.688

78, 69.056, 75.601

100, 0.482,
200.749

76, 76.295, 73.602

74, 80.997, 71.060

73, 82.419, 69.745

Harmonies

Complementary

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



89, 31.861, 81.722



79, 30.775, 272.403

Rectangle

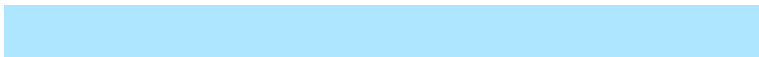
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89, 31.861, 81.722



89, 31.861, 131.722



89, 31.861, 261.722



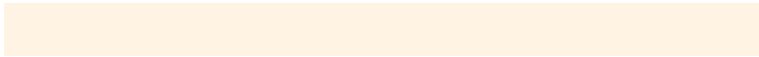
89, 31.861, 311.722

Sweetspot

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



89, 31.862, 81.728



97, 9.588, 85.007



77, 38.236, 353.289



51, 6.456, 84.834



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, 31.862, 81.728



87, 39.207, 80.659



97, 45.087, 111.196



52, 4.944, 85.195



56, 66.601, 70.363



18, 27.477, 72.992

Inverse Universe

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



79, 30.775, 272.403



76, 37.619, 274.174



71, 49.246, 297.914



50, 4.911, 267.769



35, 72.008, 293.299



9, 28.910, 287.680

Previews

White Background



This preview shows how the CIELCh color 89, 31.861, 81.722 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, 31.861, 81.722 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, 31.861, 81.722

Background



This preview shows how black text looks on a background with the CIELCh color 89, 31.861, 81.722.



This preview shows how white text looks on a background with the CIELCh color 89, 31.861, 81.722.

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, 31.890, 81.703

Protanopia

89, 30.199, 94.829

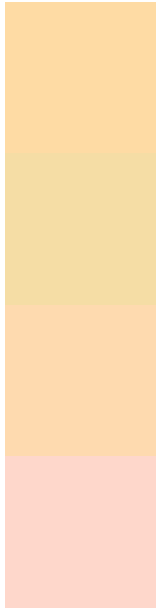
Deuteranopia

89, 23.632, 69.661



Tritanopia
89, 16.718, 356.929

Trichromacy



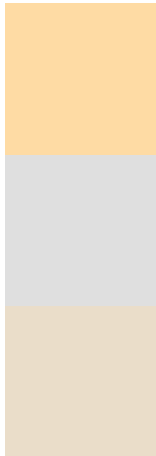
Original Color
89, 31.890, 81.703

Protanomaly
89, 30.545, 89.519

Deuteranomaly
89, 26.603, 76.000

Tritanomaly
89, 16.084, 42.975

Monochromacy



Original Color
89, 31.890, 81.703

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 11.464, 84.137

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 31.861, 81.722 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, 164)` looks like.

```
.text, #text, p{  
    color:rgb(254, 219, 164)  
}
```

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, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 219, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 31.861, 81.722 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, 164) }
```

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

```
.border{ border-color:rgb(254, 219, 164) }
```

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, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 219, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 219, 164);  
box-shadow:4px 4px 4px 4px rgb(254, 219,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 31.861, 81.722 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, 164) }
```

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

```
.background{ background-color: rgb(254,  
219, 164) }
```

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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