

Converting Colors

CIELCh(84, 32.282, 68.507)

Have a look what the booklet for
CIELCh(84, 32.282, 68.507) contains.

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Color

CIELCh(84, 31.989, 68.439)

Conversions

Conversions Part 1

Format	Color
Hex	FAC89A
RGB	250, 200, 154
RGB Percent	98%, 78%, 60%
CMY	0.0190, 0.2151, 0.3955
CMYK	0.00, 0.20, 0.38, 0.02
HSL	29°, 91%, 79%
HSV	29°, 38%, 98%
XYZ	66.0119, 64.0658, 39.5190
YIQ	209.7060, 44.5660, -3.7060

Conversions

Conversions Part 2

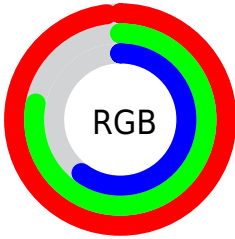
Format	Color
R _Y B	250, 242, 154
Decimal	16435354
CIE Lab	84.00, 11.76, 29.75
CIE LCh	84, 31.989, 68.439
Yxy	64.0658, 0.3892, 0.3778
Android (android.graphics.Color)	4294625434 (0xFFFA C89A)
YUV	209.7060, -27.4631, 35.3378
Hunter-Lab	80.0411, 7.1415, 26.7553

Details

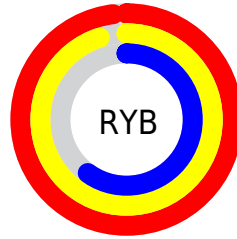
The CIELCh color **84, 31.989, 68.439** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **80, 28.227, 259.654**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 23.230, 108.417**, and **64, 32.221, 68.475** is the 20% darker color. If you saturate the color by 10%, you get **80, 41.350, 67.218**, and if you desaturate by 10%, it is **88, 23.050, 69.668**.

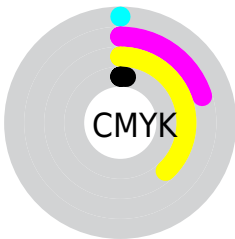
Distribution



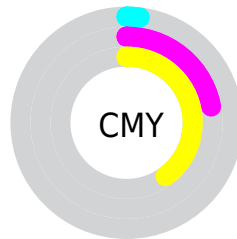
- Red (98%)
- Green (78%)
- Blue (60%)



- Red (98%)
- Yellow (95%)
- Blue (60%)



- Cyan (0%)
- Magenta (20%)
- Yellow (38%)
- Black (2%)



- Cyan (2%)
- Magenta (22%)
- Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 31.989, 68.439 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 84, 31.989, 68.439 by changing the saturation by 10% instead.

 84, 31.989, 68.439

 84, 31.989, 68.439

 100, 31.989,
68.439

 74, 31.989, 68.439

 64, 31.989, 68.439

 54, 31.989, 68.439

 44, 31.989, 68.439

 34, 31.989, 68.439

 24, 31.989, 68.439

 14, 31.989, 68.439

 4, 31.989, 68.439

 0, 31.989, 68.439

84, 31.989, 68.439

84, 31.989, 68.439

80, 41.350, 67.218

88, 23.050, 69.668

77, 51.052, 65.974

91, 14.548, 70.882

74, 60.873, 64.667

95, 6.466, 72.059

71, 70.336, 63.180

99, 1.228, 253.696

68, 78.528, 61.265

100, 1.682,
199.693

65, 84.307, 58.582

65, 85.147, 58.143

Harmonies

Complementary

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



84, 31.989, 68.439



80, 28.227, 259.654

Rectangle

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



84, 31.989, 68.439



84, 31.989, 118.439



84, 31.989, 248.439



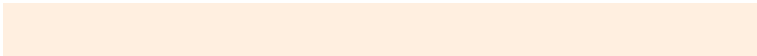
84, 31.989, 298.439

Sweetspot

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



84, 31.989, 68.445



95, 9.490, 71.641



75, 43.993, 345.557



50, 6.316, 71.487



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



84, 31.989, 68.445



83, 39.702, 67.505



96, 46.558, 104.966



50, 4.394, 71.933



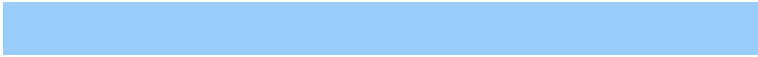
50, 68.609, 58.851



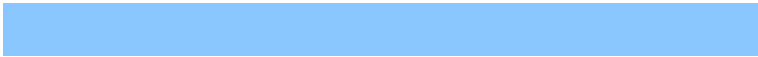
15, 25.855, 59.551

Inverse Universe

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



80, 28.227, 259.654



78, 34.065, 261.577



68, 51.100, 294.076



50, 4.283, 254.418



42, 55.304, 282.024



12, 22.114, 274.949

Previews

White Background



This preview shows how the CIELCh color 84, 31.989, 68.439 looks on a white background.

Color Contrast Check

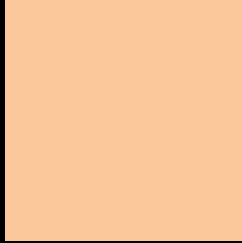
Large Text (above 18pt) WCAG AA × Fail

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 84, 31.989, 68.439 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 84, 31.989, 68.439

Background



This preview shows how black text looks on a background with the CIELCh color 84, 31.989, 68.439.



This preview shows how white text looks on a background with the CIELCh color 84, 31.989, 68.439.

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

84, 31.989, 68.439

Protanopia

84, 27.340, 95.180

Deuteranopia

84, 31.568, 70.651



Tritanopia
84, 24.393, 2.722

Trichromacy



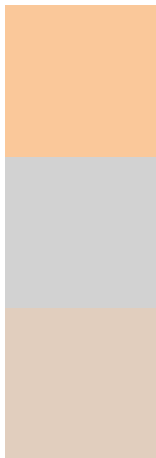
Original Color
84, 31.989, 68.439

Protanomaly
84, 28.142, 84.298

Deuteranomaly
84, 31.834, 70.079

Tritanomaly
84, 22.565, 31.667

Monochromacy



Original Color
84, 31.989, 68.439

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 11.091, 68.797

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 31.989, 68.439 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(250, 200, 154)` looks like.

```
.text, #text, p{  
    color:rgb(250, 200, 154)  
}
```

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(250, 200, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 200, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 31.989, 68.439 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(250, 200, 154) }
```

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

```
.border{ border-color:rgb(250, 200, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 200, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 200, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 200, 154);  
box-shadow:4px 4px 4px 4px rgb(250, 200,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 31.989, 68.439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 200, 154) }
```

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

```
.background{ background-color: rgb(250,  
200, 154) }
```

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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