

Converting Colors

CIELCh(88, 30.919, 87.527)

Have a look what the booklet for
CIELCh(88, 30.919, 87.527) contains.

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Color

CIELCh(88, 31.046, 87.355)

Conversions

Conversions Part 1

Format	Color
Hex	F5DAA2
RGB	245, 218, 162
RGB Percent	96%, 85%, 64%
CMY	0.0398, 0.1456, 0.3652
CMYK	0.00, 0.11, 0.34, 0.04
HSL	40°, 80%, 80%
HSV	40°, 34%, 96%
XYZ	69.1547, 72.0653, 44.3885
YIQ	219.6890, 34.0680, -11.6920

Conversions

Conversions Part 2

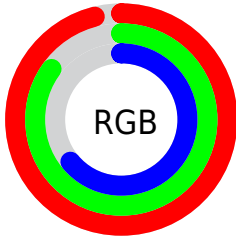
Format	Color
RYB	202, 245, 162
Decimal	16112290
CIELab	88.00, 1.43, 31.01
CIELCh	88, 31.046, 87.355
Yxy	72.0653, 0.3726, 0.3883
Android (android.graphics.Color)	4294302370 (0xFFFF5DAA2)
YUV	219.6890, -28.4407, 22.1977
Hunter-Lab	84.8913, -3.1488, 28.4219

Details

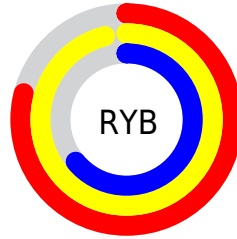
The CIELCh color **88, 31.046, 87.355** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **76, 30.936, 277.214**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 19.210, 108.724**, and **68, 30.940, 86.784** is the 20% darker color. If you saturate the color by 10%, you get **86, 40.498, 85.974**, and if you desaturate by 10%, it is **90, 21.686, 88.706**.

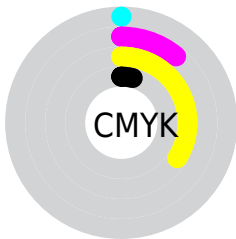
Distribution



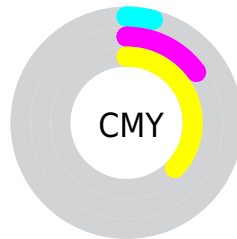
- Red (96%)
- Green (85%)
- Blue (64%)



- Red (79%)
- Yellow (96%)
- Blue (64%)



- Cyan (0%)
- Magenta (11%)
- Yellow (34%)
- Black (4%)



- Cyan (4%)
- Magenta (15%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 31.046, 87.355 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 88, 31.046, 87.355 by changing the saturation by 10% instead.

88, 31.046, 87.355

88, 31.046, 87.355

100, 31.046,
87.355

78, 31.046, 87.355

68, 31.046, 87.355

58, 31.046, 87.355

48, 31.046, 87.355

38, 31.046, 87.355

28, 31.046, 87.355

18, 31.046, 87.355

8, 31.046, 87.355

0, 31.046, 87.355

88, 31.046, 87.355

88, 31.046, 87.355

86, 40.498, 85.974

90, 21.686, 88.706

83, 49.906, 84.541

93, 12.480, 90.004

81, 59.014, 83.045

95, 3.452, 91.211

79, 67.355, 81.435

98, 3.156, 258.214

77, 74.180, 79.615

99, 3.505, 199.372

75, 78.548, 77.414

74, 80.049, 75.869

Harmonies

Complementary

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



88, 31.046, 87.355



76, 30.936, 277.214

Rectangle

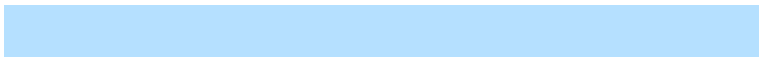
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88, 31.046, 87.355



88, 31.046, 137.355



88, 31.046, 267.355



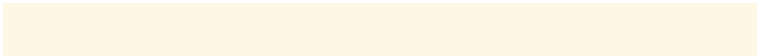
88, 31.046, 317.355

Sweetspot

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



88, 31.047, 87.360



97, 9.245, 90.490



75, 34.483, 357.543



52, 6.317, 90.315



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



88, 31.047, 87.360



89, 39.028, 86.367



94, 42.213, 114.229



50, 5.080, 90.557



57, 65.189, 76.394



17, 25.885, 79.201

Inverse Universe

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



76, 30.936, 277.214



75, 38.930, 278.789



71, 45.739, 299.837



48, 5.083, 273.045



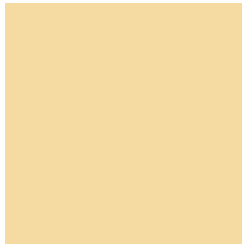
31, 78.253, 297.067



7, 29.772, 291.141

Previews

White Background



This preview shows how the CIELCh color 88, 31.046, 87.355 looks on a white background.

Color Contrast Check

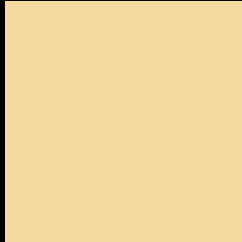
Large Text (above 18pt) WCAG AA × Fail

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 88, 31.046, 87.355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

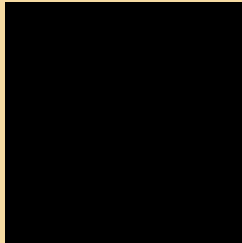
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 31.046, 87.355

Background



This preview shows how black text looks on a background with the CIELCh color 88, 31.046, 87.355.



This preview shows how white text looks on a background with the CIELCh color 88, 31.046, 87.355.

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

88, 31.046, 87.355

Protanopia

88, 30.659, 95.680

Deuteranopia

88, 26.458, 69.491



Tritanopia
88, 17.955, 351.319

Trichromacy



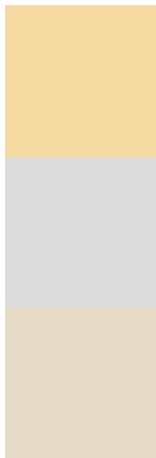
Original Color
88, 31.046, 87.355

Protanomaly
88, 30.579, 92.589

Deuteranomaly
88, 27.585, 76.948

Tritanomaly
88, 14.770, 38.703

Monochromacy



Original Color
88, 31.046, 87.355

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 11.050, 89.460

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 31.046, 87.355 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(245, 218, 162)` looks like.

```
.text, #text, p{  
    color:rgb(245, 218, 162)  
}
```

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(245, 218, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 218, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 31.046, 87.355 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(245, 218, 162) }
```

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

```
.border{ border-color:rgb(245, 218, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 218, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 218, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 218, 162);  
box-shadow:4px 4px 4px 4px rgb(245, 218,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 31.046, 87.355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 218, 162) }
```

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

```
.background{ background-color: rgb(245,  
218, 162) }
```

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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