

Converting Colors

CIELCh(81, 31.552, 71.105)

Have a look what the booklet for
CIELCh(81, 31.552, 71.105) contains.

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Color

CIELCh(81, 31.588, 71.080)

Conversions

Conversions Part 1

Format	Color
Hex	EFC192
RGB	239, 193, 146
RGB Percent	94%, 76%, 57%
CMY	0.0633, 0.2437, 0.4280
CMYK	0.00, 0.19, 0.39, 0.06
HSL	30°, 74%, 75%
HSV	30°, 39%, 94%
XYZ	59.7602, 58.4711, 35.2737
YIQ	201.3960, 42.5030, -4.8650

Conversions

Conversions Part 2

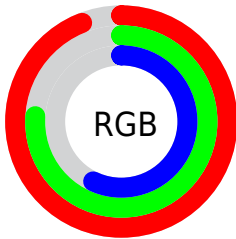
Format	Color
R _Y B	237, 239, 146
Decimal	15712658
CIE Lab	81.00, 10.24, 29.88
CIE LCh	81, 31.588, 71.080
Yxy	58.4711, 0.3893, 0.3809
Android (android.graphics.Color)	4293902738 (0xFFEFC192)
YUV	201.3960, -27.3102, 32.9787
Hunter-Lab	76.4664, 5.6855, 26.1762

Details

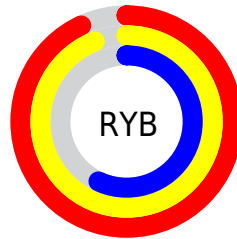
The CIELCh color **81, 31.588, 71.080** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **76, 28.360, 262.734**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 24.934, 103.038**, and **61, 31.514, 71.846** is the 20% darker color. If you saturate the color by 10%, you get **78, 40.600, 69.789**, and if you desaturate by 10%, it is **84, 22.932, 72.366**.

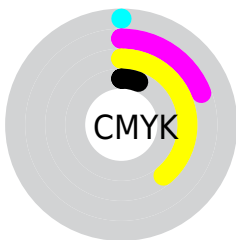
Distribution



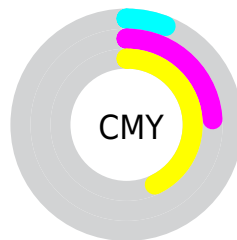
- Red (94%)
- Green (76%)
- Blue (57%)



- Red (93%)
- Yellow (94%)
- Blue (57%)



- Cyan (0%)
- Magenta (19%)
- Yellow (39%)
- Black (6%)



- Cyan (6%)
- Magenta (24%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 31.588, 71.080 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 81, 31.588, 71.080 by changing the saturation by 10% instead.

81, 31.588, 71.080

81, 31.588, 71.080

100, 31.588,
71.080

71, 31.588, 71.080

61, 31.588, 71.080

51, 31.588, 71.080

41, 31.588, 71.080

31, 31.588, 71.080

21, 31.588, 71.080

11, 31.588, 71.080

1, 31.588, 71.080

0, 31.588, 71.080

81, 31.588, 71.080

81, 31.588, 71.080

78, 40.600, 69.789

84, 22.932, 72.366

75, 49.872, 68.463

88, 14.658, 73.629

72, 59.174, 67.057

91, 6.755, 74.850

69, 68.015, 65.456

95, 0.801, 256.659

66, 75.506, 63.421

98, 4.735, 218.669

64, 80.692, 60.672

99, 5.554, 199.173

63, 81.208, 60.381

Harmonies

Complementary

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



81, 31.588, 71.080



76, 28.360, 262.734

Rectangle

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



81, 31.588, 71.080



81, 31.588, 121.080



81, 31.588, 251.080



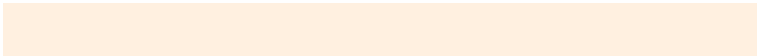
81, 31.588, 301.080

Sweetspot

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



81, 31.588, 71.086



96, 9.642, 74.478



71, 42.150, 347.532



50, 6.415, 74.319



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



81, 31.588, 71.086



83, 40.967, 70.020



93, 46.855, 106.412



48, 4.316, 74.785



49, 66.450, 61.062



14, 23.416, 61.786

Inverse Universe

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



76, 28.360, 262.734



77, 35.875, 264.831



64, 51.833, 295.409



48, 4.225, 257.313



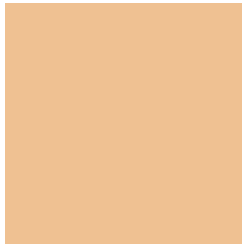
39, 57.023, 284.581



10, 21.585, 276.918

Previews

White Background



This preview shows how the CIELCh color 81, 31.588, 71.080 looks on a white background.

Color Contrast Check

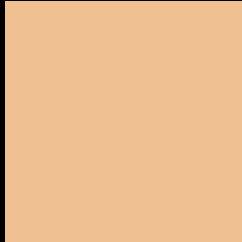
Large Text (above 18pt) WCAG AA × Fail

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 81, 31.588, 71.080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

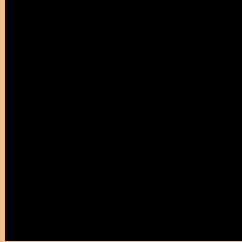
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 31.588, 71.080

Background



This preview shows how black text looks on a background with the CIELCh color 81, 31.588, 71.080.



This preview shows how white text looks on a background with the CIELCh color 81, 31.588, 71.080.

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
81, 31.588, 71.080

Protanopia
81, 28.044, 95.221

Deuteranopia
81, 31.588, 71.080



Tritanopia
81, 22.978, 2.684

Trichromacy



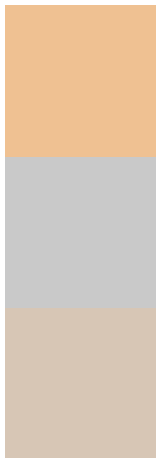
Original Color
81, 31.588, 71.080

Protanomaly
81, 28.516, 85.993

Deuteranomaly
81, 31.588, 71.080

Tritanomaly
81, 21.593, 32.213

Monochromacy



Original Color
81, 31.588, 71.080

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 11.122, 73.449

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 31.588, 71.080 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(239, 193, 146)` looks like.

```
.text, #text, p{  
    color:rgb(239, 193, 146)  
}
```

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(239, 193, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 193, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 31.588, 71.080 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(239, 193, 146) }
```

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

```
.border{ border-color:rgb(239, 193, 146) }
```

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

Here you see how a box with a 4 pixel rgb(239, 193, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 193, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 193, 146);  
box-shadow:4px 4px 4px 4px rgb(239, 193,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 31.588, 71.080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 193, 146) }
```

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

```
.background{ background-color: rgb(239,  
193, 146) }
```

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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