

Converting Colors

CIELCh(81, 32.693, 65.083)

Have a look what the booklet for
CIELCh(81, 32.693, 65.083) contains.

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Color

CIELCh(81, 33.064, 65.638)

Conversions

Conversions Part 1

Format	Color
Hex	F5BF92
RGB	245, 191, 146
RGB Percent	96%, 75%, 57%
CMY	0.0410, 0.2526, 0.4290
CMYK	0.00, 0.22, 0.40, 0.04
HSL	27°, 83%, 76%
HSV	27°, 40%, 96%
XYZ	61.1931, 58.4711, 35.0903
YIQ	202.0160, 46.6290, -2.5470

Conversions

Conversions Part 2

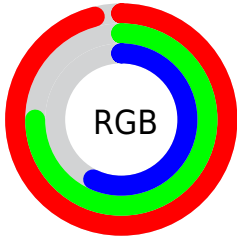
Format	Color
R _Y B	245, 229, 146
Decimal	16105362
CIE Lab	81.00, 13.64, 30.12
CIE LCh	81, 33.064, 65.638
Yxy	58.4711, 0.3954, 0.3778
Android (android.graphics.Color)	4294295442 (0xFFFF5BF92)
YUV	202.0160, -27.6159, 37.6970
Hunter-Lab	76.4664, 9.0304, 26.3184

Details

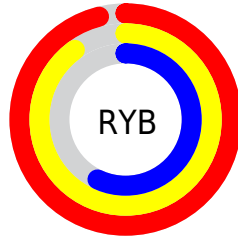
The CIELCh color **81, 33.064, 65.638** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **78, 28.419, 257.214**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 24.049, 101.091**, and **61, 33.112, 66.030** is the 20% darker color. If you saturate the color by 10%, you get **77, 42.376, 64.501**, and if you desaturate by 10%, it is **85, 24.202, 66.794**.

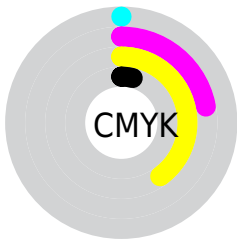
Distribution



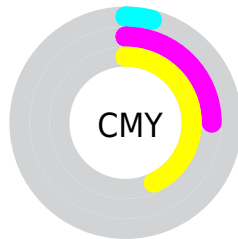
- Red (96%)
- Green (75%)
- Blue (57%)



- Red (96%)
- Yellow (90%)
- Blue (57%)



- Cyan (0%)
- Magenta (22%)
- Yellow (40%)
- Black (4%)



- Cyan (4%)
- Magenta (25%)
- Yellow (43%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 33.064, 65.638 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, 33.064, 65.638 by changing the saturation by 10% instead.

 81, 33.064, 65.638

 81, 33.064, 65.638

 100, 33.064,
65.638

 71, 33.064, 65.638

 61, 33.064, 65.638

 51, 33.064, 65.638

 41, 33.064, 65.638

 31, 33.064, 65.638

 21, 33.064, 65.638

 11, 33.064, 65.638

 1, 33.064, 65.638

 0, 33.064, 65.638

81, 33.064, 65.638

81, 33.064, 65.638

77, 42.376, 64.501

85, 24.202, 66.794

74, 52.047, 63.351

88, 15.808, 67.949

71, 61.839, 62.136

92, 7.862, 69.085

68, 71.222, 60.717

96, 0.331, 68.883

65, 79.202, 58.801

99, 3.613, 199.359

62, 84.687, 56.297

Harmonies

Complementary

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



81, 33.064, 65.638



78, 28.419, 257.214

Rectangle

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



81, 33.064, 65.638



81, 33.064, 115.638



81, 33.064, 245.638



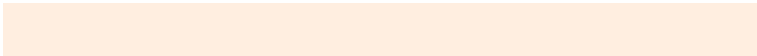
81, 33.064, 295.638

Sweetspot

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



81, 33.064, 65.644



95, 9.370, 68.910



72, 45.927, 344.868



50, 6.238, 68.763



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, 33.064, 65.644



81, 42.416, 64.656



93, 47.369, 103.979



49, 4.263, 69.192



48, 68.690, 56.990



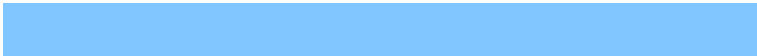
14, 24.721, 56.819

Inverse Universe

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



78, 28.419, 257.214



78, 35.145, 259.461



65, 52.132, 293.799



49, 4.140, 251.604



43, 52.026, 279.273



12, 20.463, 271.618

Previews

White Background



This preview shows how the CIELCh color 81, 33.064, 65.638 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 CIE LCh color 81, 33.064, 65.638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

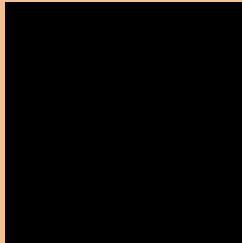
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 33.064, 65.638

Background



This preview shows how black text looks on a background with the CIELCh color 81, 33.064, 65.638.



This preview shows how white text looks on a background with the CIELCh color 81, 33.064, 65.638.

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, 33.064, 65.638

Protanopia

81, 27.535, 95.052

Deuteranopia

81, 32.027, 71.559



Tritanopia
81, 25.953, 5.211

Trichromacy



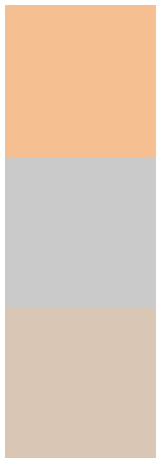
Original Color
81, 33.064, 65.638

Protanomaly
81, 28.568, 83.377

Deuteranomaly
81, 32.435, 69.347

Tritanomaly
81, 24.680, 29.841

Monochromacy



Original Color
81, 33.064, 65.638

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 11.600, 70.351

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 33.064, 65.638 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, 191, 146)` looks like.

```
.text, #text, p{  
    color:rgb(245, 191, 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(245, 191, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 191, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 33.064, 65.638 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, 191, 146) }
```

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

```
.border{ border-color:rgb(245, 191, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 191, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 191, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 191, 146);  
box-shadow:4px 4px 4px 4px rgb(245, 191,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 33.064, 65.638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 191, 146) }
```

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

```
.background{ background-color: rgb(245,  
191, 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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