

Converting Colors

CIELCh(81, 33.424, 66.729)

Have a look what the booklet for
CIELCh(81, 33.424, 66.729) contains.

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Color

CIELCh(81, 33.604, 67.182)

Conversions

Conversions Part 1

Format	Color
Hex	F4BF90
RGB	244, 191, 144
RGB Percent	96%, 75%, 56%
CMY	0.0434, 0.2512, 0.4355
CMYK	0.00, 0.22, 0.41, 0.04
HSL	28°, 82%, 76%
HSV	28°, 41%, 96%
XYZ	60.9353, 58.4711, 34.4385
YIQ	201.4890, 46.6750, -3.3810

Conversions

Conversions Part 2

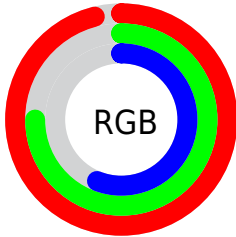
Format	Color
R_{YB}	244, 233, 144
Decimal	16039824
CIE _{Lab}	81.00, 13.03, 30.97
CIE _{LCh}	81, 33.604, 67.182
Yxy	58.4711, 0.3961, 0.3801
Android (android.graphics.Color)	4294229904 (0xFFFF4BF90)
YUV	201.4890, -28.3421, 37.2821
Hunter-Lab	76.4664, 8.4287, 26.8238

Details

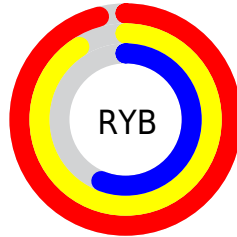
The CIELCh color **81, 33.604, 67.182** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **77, 29.168, 259.192**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 25.051, 101.285**, and **61, 33.686, 67.598** is the 20% darker color. If you saturate the color by 10%, you get **78, 42.888, 65.990**, and if you desaturate by 10%, it is **85, 24.738, 68.385**.

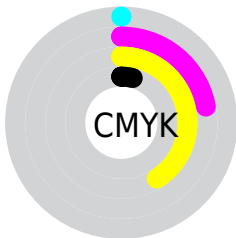
Distribution



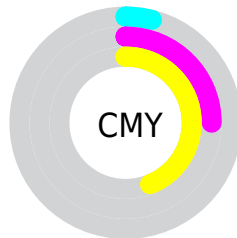
- Red (96%)
- Green (75%)
- Blue (56%)



- Red (96%)
- Yellow (91%)
- Blue (56%)



- Cyan (0%)
- Magenta (22%)
- Yellow (41%)
- Black (4%)



- Cyan (4%)
- Magenta (25%)
- Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 33.604, 67.182 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, 33.604, 67.182 by changing the saturation by 10% instead.

 81, 33.604, 67.182

 81, 33.604, 67.182

 100, 33.604,
67.182

 71, 33.604, 67.182

 61, 33.604, 67.182

 51, 33.604, 67.182

 41, 33.604, 67.182

 31, 33.604, 67.182

 21, 33.604, 67.182

 11, 33.604, 67.182

 1, 33.604, 67.182

 0, 33.604, 67.182

81, 33.604, 67.182

81, 33.604, 67.182

78, 42.888, 65.990

85, 24.738, 68.385

74, 52.488, 64.773

88, 16.314, 69.579

71, 62.145, 63.478

92, 8.320, 70.752

68, 71.304, 61.960

96, 0.724, 71.365

65, 78.951, 59.926

99, 3.821, 199.336

63, 83.879, 57.481

Harmonies

Complementary

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



81, 33.604, 67.182



77, 29.168, 259.192

Rectangle

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



81, 33.604, 67.182



81, 33.604, 117.182



81, 33.604, 247.182



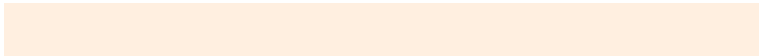
81, 33.604, 297.182

Sweetspot

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



81, 33.604, 67.188



95, 9.443, 70.633



72, 45.962, 345.868



50, 6.285, 70.481



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, 33.604, 67.188



81, 42.524, 66.215



93, 48.590, 104.716



49, 4.298, 70.923



49, 68.187, 58.172



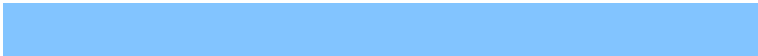
14, 24.672, 58.378

Inverse Universe

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



77, 29.168, 259.192



77, 35.771, 261.326



64, 53.761, 294.552



49, 4.184, 253.380



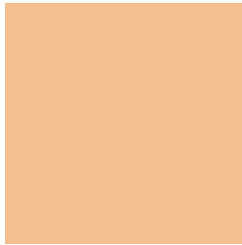
42, 53.690, 280.996



11, 21.023, 273.457

Previews

White Background



This preview shows how the CIELCh color 81, 33.604, 67.182 looks on a white background.

Color Contrast Check

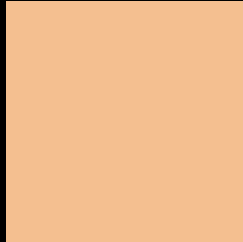
Large Text (above 18pt) WCAG AA × Fail

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, 33.604, 67.182 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, 33.604, 67.182

Background



This preview shows how black text looks on a background with the CIELCh color 81, 33.604, 67.182.



This preview shows how white text looks on a background with the CIELCh color 81, 33.604, 67.182.

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, 33.604, 67.182

Protanopia

81, 28.553, 95.381

Deuteranopia

81, 32.468, 72.023



Tritanopia
81, 25.584, 4.926

Trichromacy



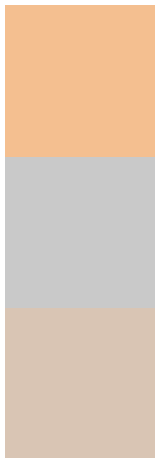
Original Color
81, 33.604, 67.182

Protanomaly
81, 29.052, 83.726

Deuteranomaly
81, 32.867, 69.833

Tritanomaly
81, 24.150, 32.457

Monochromacy



Original Color
81, 33.604, 67.182

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 11.864, 68.888

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 33.604, 67.182 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(244, 191, 144)` looks like.

```
.text, #text, p{  
    color:rgb(244, 191, 144)  
}
```

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(244, 191, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 191, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 33.604, 67.182 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(244, 191, 144) }
```

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

```
.border{ border-color:rgb(244, 191, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 191, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 191, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 191, 144);  
box-shadow:4px 4px 4px 4px rgb(244, 191,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 33.604, 67.182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 191, 144) }
```

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

```
.background{ background-color: rgb(244,  
191, 144) }
```

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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