

Converting Colors

CIELCh(81, 46.008, 68.790)

Have a look what the booklet for
CIELCh(81, 46.008, 68.790) contains.

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Color

CIELCh(81, 45.994, 69.149)

Conversions

Conversions Part 1

Format	Color
Hex	FEBC79
RGB	254, 188, 121
RGB Percent	100%, 74%, 47%
CMY	0.0036, 0.2624, 0.5252
CMYK	0.00, 0.26, 0.52, 0.00
HSL	30°, 99%, 74%
HSV	30°, 52%, 100%
XYZ	62.3622, 58.4711, 26.1132
YIQ	200.0960, 60.8430, -6.8450

Conversions

Conversions Part 2

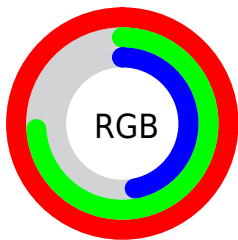
Format	Color
R _Y B	252, 254, 121
Decimal	16694393
CIE Lab	81.00, 16.37, 42.98
CIE LCh	81, 45.994, 69.149
Yxy	58.4711, 0.4244, 0.3979
Android (android.graphics.Color)	4294884473 (0xFFFEBC79)
YUV	200.0960, -38.9943, 47.2738
Hunter-Lab	76.4664, 11.7595, 33.2790

Details

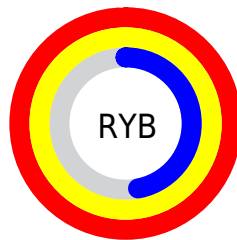
The CIELCh color **81, 45.994, 69.149** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **74, 39.582, 266.177**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 35.714, 100.466**, and **61, 45.706, 69.372** is the 20% darker color. If you saturate the color by 10%, you get **78, 55.800, 67.807**, and if you desaturate by 10%, it is **84, 36.401, 70.458**.

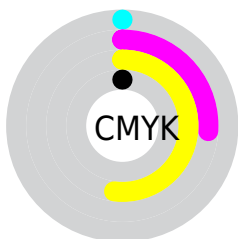
Distribution



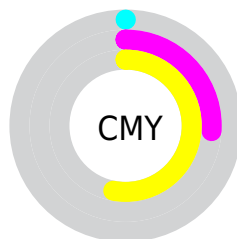
- Red (100%)
- Green (74%)
- Blue (47%)



- Red (99%)
- Yellow (100%)
- Blue (47%)



- Cyan (0%)
- Magenta (26%)
- Yellow (52%)
- Black (0%)



- Cyan (0%)
- Magenta (26%)
- Yellow (53%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 45.994, 69.149 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, 45.994, 69.149 by changing the saturation by 10% instead.

 81, 45.994, 69.149

 81, 45.994, 69.149

 100, 45.994,
69.149

 71, 45.994, 69.149

 61, 45.994, 69.149

 51, 45.994, 69.149

 41, 45.994, 69.149

 31, 45.994, 69.149

 21, 45.994, 69.149

 11, 45.994, 69.149

 1, 45.994, 69.149

 0, 45.994, 69.149

81, 45.994, 69.149

81, 45.994, 69.149

78, 55.800, 67.807

84, 36.401, 70.458

75, 65.495, 66.350

88, 27.163, 71.744

72, 74.421, 64.626

91, 18.326, 73.015

69, 81.476, 62.335

95, 9.890, 74.258

67, 85.222, 60.105

99, 1.832, 75.304

100, 0.316,
201.481

Harmonies

Complementary

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



81, 45.994, 69.149



74, 39.582, 266.177

Rectangle

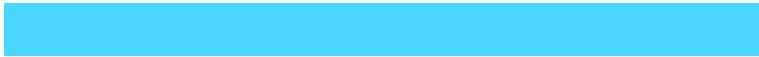
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81, 45.994, 69.149



81, 45.994, 119.149



81, 45.994, 249.149



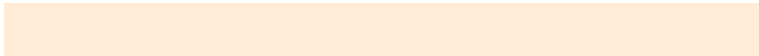
81, 45.994, 299.149

Sweetspot

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



81, 45.994, 69.153



94, 12.964, 73.809



68, 58.697, 349.470



49, 8.795, 73.553



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, 45.994, 69.153



78, 56.605, 67.715



97, 64.892, 105.199



51, 4.536, 74.600



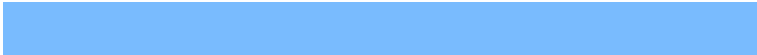
51, 68.585, 60.806



16, 27.009, 62.206

Inverse Universe

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



74, 39.582, 266.177



69, 47.354, 269.655



57, 75.405, 298.081



51, 4.438, 257.140



41, 58.754, 284.558



12, 23.896, 278.033

Previews

White Background



This preview shows how the CIELCh color 81, 45.994, 69.149 looks on a white background.

Color Contrast Check

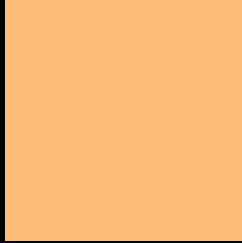
Large Text (above 18pt) WCAG AA × Fail

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, 45.994, 69.149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

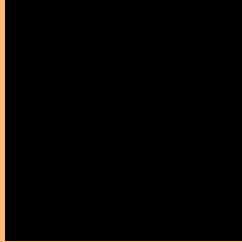
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 45.994, 69.149

Background



This preview shows how black text looks on a background with the CIELCh color 81, 45.994, 69.149.



This preview shows how white text looks on a background with the CIELCh color 81, 45.994, 69.149.

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](#).

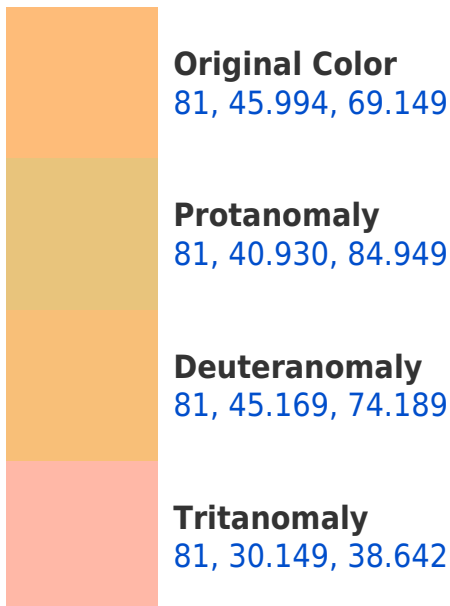
Dichromacy





Tritanopia
81, 28.470, 9.139

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 45.994, 69.149 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(254, 188, 121)` looks like.

```
.text, #text, p{  
    color:rgb(254, 188, 121)  
}
```

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(254, 188, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 188, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 45.994, 69.149 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(254, 188, 121) }
```

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

```
.border{ border-color:rgb(254, 188, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 188, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 188, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 188, 121);  
box-shadow:4px 4px 4px 4px rgb(254, 188,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 45.994, 69.149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 188, 121) }
```

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

```
.background{ background-color: rgb(254,  
188, 121) }
```

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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