

Converting Colors

CIELCh(80, 39.016, 66.740)

Have a look what the booklet for
CIELCh(80, 39.016, 66.740) contains.

CIELCh(80, 39.119, 66.467)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(80, 39.119, 66.467)

Conversions

Conversions Part 1

Format	Color
Hex	F7BA84
RGB	247, 186, 132
RGB Percent	97%, 73%, 52%
CMY	0.0306, 0.2698, 0.4816
CMYK	0.00, 0.25, 0.47, 0.03
HSL	28°, 88%, 74%
HSV	28°, 47%, 97%
XYZ	60.2077, 56.6813, 29.6623
YIQ	198.0830, 53.6900, -3.8620

Conversions

Conversions Part 2

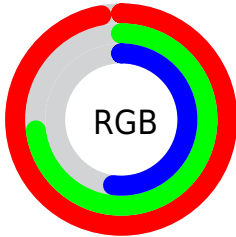
Format	Color
R _Y B	247, 234, 132
Decimal	16235140
CIE Lab	80.00, 15.62, 35.87
CIE LCh	80, 39.119, 66.467
Yxy	56.6813, 0.4108, 0.3868
Android (android.graphics.Color)	4294425220 (0xFFF7BA84)
YUV	198.0830, -32.5789, 42.9002
Hunter-Lab	75.2870, 10.9960, 29.3412

Details

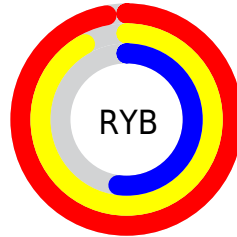
The CIELCh color **80, 39.119, 66.467** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **76, 33.216, 260.565**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 28.935, 97.939**, and **60, 38.856, 66.537** is the 20% darker color. If you saturate the color by 10%, you get **77, 48.704, 65.269**, and if you desaturate by 10%, it is **84, 29.914, 67.668**.

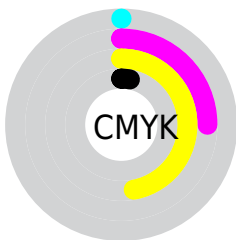
Distribution



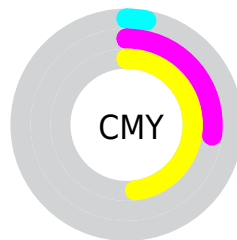
- Red (97%)
- Green (73%)
- Blue (52%)



- Red (97%)
- Yellow (92%)
- Blue (52%)



- Cyan (0%)
- Magenta (25%)
- Yellow (47%)
- Black (3%)



- Cyan (3%)
- Magenta (27%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 39.119, 66.467 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 80, 39.119, 66.467 by changing the saturation by 10% instead.

 80, 39.119, 66.467

 80, 39.119, 66.467

 100, 39.119,
66.467

 70, 39.119, 66.467

 60, 39.119, 66.467

 50, 39.119, 66.467

 40, 39.119, 66.467

 30, 39.119, 66.467

 20, 39.119, 66.467

 10, 39.119, 66.467

 0, 39.119, 66.467

 80, 39.119, 66.467

 80, 39.119, 66.467

77, 48.704, 65.269

84, 29.914, 67.668

73, 58.490, 64.021

87, 21.150, 68.865

70, 68.071, 62.628

91, 12.832, 70.053

67, 76.637, 60.870

95, 4.936, 71.191

64, 82.951, 58.365

99, 2.271, 246.378

64, 84.764, 57.414

99, 2.699, 199.480

Harmonies

Complementary

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



80, 39.119, 66.467



76, 33.216, 260.565

Rectangle

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



80, 39.119, 66.467



80, 39.119, 116.467



80, 39.119, 246.467



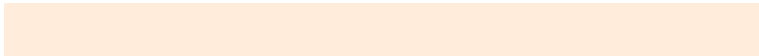
80, 39.119, 296.467

Sweetspot

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



80, 39.119, 66.472



94, 11.072, 70.347



70, 52.440, 346.588



50, 7.688, 70.094



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



80, 39.119, 66.472



79, 49.427, 65.322



94, 55.368, 104.179



49, 4.297, 70.869



49, 68.202, 58.135



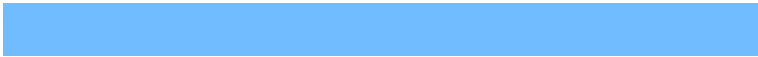
14, 24.673, 58.329

Inverse Universe

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



76, 33.216, 260.565



74, 40.471, 263.373



61, 62.420, 295.649



49, 4.182, 253.325



42, 53.637, 280.944



11, 21.005, 273.401

Previews

White Background



This preview shows how the CIELCh color 80, 39.119, 66.467 looks on a white background.

Color Contrast Check

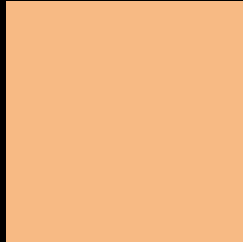
Large Text (above 18pt) WCAG AA × Fail

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 80, 39.119, 66.467 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

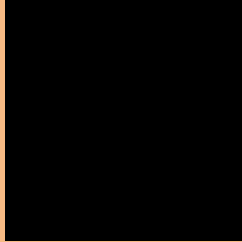
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 39.119, 66.467

Background



This preview shows how black text looks on a background with the CIELCh color 80, 39.119, 66.467.



This preview shows how white text looks on a background with the CIELCh color 80, 39.119, 66.467.

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
80, 29.471, 7.591

Trichromacy



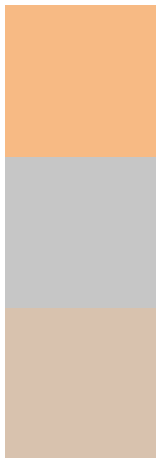
Original Color
80, 39.119, 66.467

Protanomaly
80, 34.219, 83.672

Deuteranomaly
80, 38.186, 72.378

Tritanomaly
80, 28.669, 33.182

Monochromacy



Original Color
80, 39.119, 66.467

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 13.672, 70.447

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 39.119, 66.467 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(247, 186, 132)` looks like.

```
.text, #text, p{  
    color:rgb(247, 186, 132)  
}
```

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(247, 186, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 186, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 39.119, 66.467 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(247, 186, 132) }
```

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

```
.border{ border-color:rgb(247, 186, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 186, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 186, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 186, 132);  
box-shadow:4px 4px 4px 4px rgb(247, 186,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 39.119, 66.467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 186, 132) }
```

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

```
.background{ background-color: rgb(247,  
186, 132) }
```

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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