

Converting Colors

CIELCh(80, 40.368, 60.118)

Have a look what the booklet for
CIELCh(80, 40.368, 60.118) contains.

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Color

CIELCh(80, 40.420, 60.101)

Conversions

Conversions Part 1

Format	Color
Hex	FEB786
RGB	254, 183, 134
RGB Percent	100%, 72%, 53%
CMY	0.0038, 0.2822, 0.4744
CMYK	0.00, 0.28, 0.47, 0.00
HSL	25°, 98%, 76%
HSV	25°, 47%, 100%
XYZ	62.1329, 56.6813, 30.2323
YIQ	198.6430, 58.0450, -0.1870

Conversions

Conversions Part 2

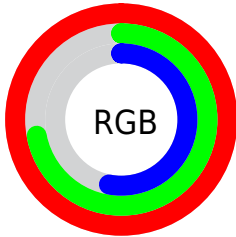
Format	Color
RYB	254, 217, 134
Decimal	16693126
CIELab	80.00, 20.15, 35.04
CIELCh	80, 40.420, 60.101
Yxy	56.6813, 0.4169, 0.3803
Android (android.graphics.Color)	4294883206 (0xFFFE786)
YUV	198.6430, -31.8690, 48.5481
Hunter-Lab	75.2870, 15.5604, 28.8923

Details

The CIELCh color **80, 40.420, 60.101** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **80, 32.324, 253.038**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 26.760, 94.778**, and **60, 40.348, 59.886** is the 20% darker color. If you saturate the color by 10%, you get **76, 50.485, 59.182**, and if you desaturate by 10%, it is **84, 30.860, 61.061**.

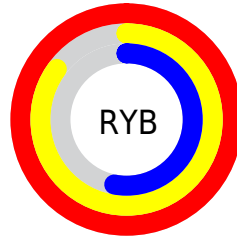
Distribution



Red (100%)

Green (72%)

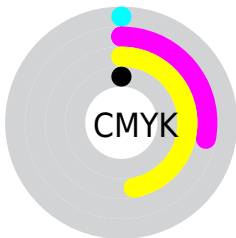
Blue (53%)



Red (100%)

Yellow (85%)

Blue (53%)

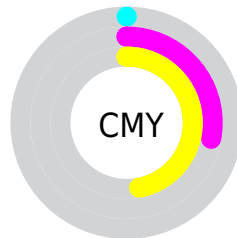


Cyan (0%)

Magenta (28%)

Yellow (47%)

Black (0%)



Cyan (0%)

Magenta (28%)

Yellow (47%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 40.420, 60.101 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, 40.420, 60.101 by changing the saturation by 10% instead.

 80, 40.420, 60.101

 80, 40.420, 60.101

 100, 40.420,
60.101

 70, 40.420, 60.101

 60, 40.420, 60.101

 50, 40.420, 60.101

 40, 40.420, 60.101

 30, 40.420, 60.101

 20, 40.420, 60.101

 10, 40.420, 60.101

 0, 40.420, 60.101

 80, 40.420, 60.101

 80, 40.420, 60.101

76, 50.485, 59.182

84, 30.860, 61.061

73, 60.891, 58.253

88, 21.857, 62.051

69, 71.227, 57.209

92, 13.399, 63.063

66, 80.629, 55.796

97, 5.453, 64.051

63, 87.717, 53.576

100, 0.334,
201.368

62, 89.402, 52.925

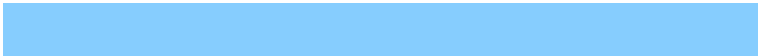
Harmonies

Complementary

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



80, 40.420, 60.101



80, 32.324, 253.038

Rectangle

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



80, 40.420, 60.101



80, 40.420, 110.101



80, 40.420, 240.101



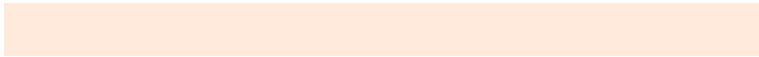
80, 40.420, 290.101

Sweetspot

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



80, 40.419, 60.106



94, 10.806, 63.390



71, 56.529, 342.958



49, 7.510, 63.172



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, 40.419, 60.106



77, 50.397, 59.203



94, 54.148, 100.714



51, 4.327, 63.836



48, 71.819, 53.602



15, 27.397, 52.970

Inverse Universe

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



80, 32.324, 253.038



76, 38.226, 255.870



64, 60.079, 293.111



51, 4.171, 246.070



46, 48.364, 273.619



14, 20.181, 266.464

Previews

White Background



This preview shows how the CIELCh color 80, 40.420, 60.101 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, 40.420, 60.101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

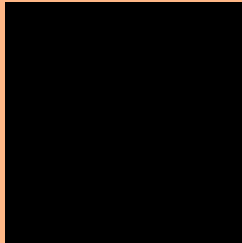
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 40.420, 60.101

Background



This preview shows how black text looks on a background with the CIELCh color 80, 40.420, 60.101.

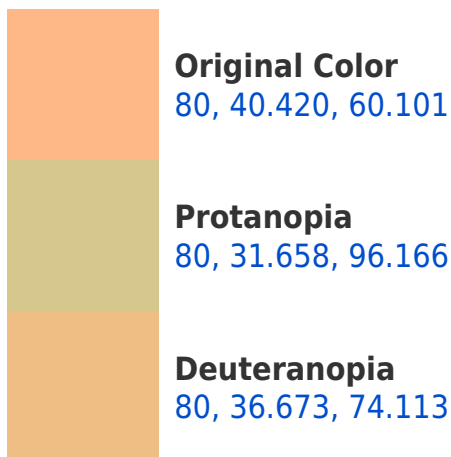


This preview shows how white text looks on a background with the CIELCh color 80, 40.420, 60.101.

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, 30.110, 10.020

Trichromacy



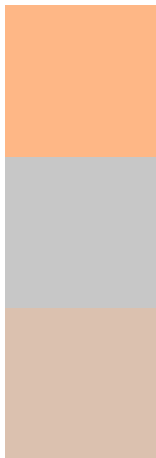
Original Color
80, 40.420, 60.101

Protanomaly
80, 32.911, 80.525

Deuteranomaly
80, 37.901, 68.320

Tritanomaly
80, 30.550, 31.641

Monochromacy



Original Color
80, 40.420, 60.101

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 13.966, 62.872

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 40.420, 60.101 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, 183, 134)` looks like.

```
.text, #text, p{  
    color:rgb(254, 183, 134)  
}
```

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, 183, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 183, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 40.420, 60.101 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, 183, 134) }
```

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

```
.border{ border-color:rgb(254, 183, 134) }
```

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

Here you see how a box with a 4 pixel rgb(254, 183, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 183, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 183, 134);  
box-shadow:4px 4px 4px 4px rgb(254, 183,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 40.420, 60.101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 183, 134) }
```

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

```
.background{ background-color: rgb(254,  
183, 134) }
```

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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