

Converting Colors

CIELCh(80, 40.774, 59.086)

Have a look what the booklet for
CIELCh(80, 40.774, 59.086) contains.

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Color

CIELCh(80, 40.763, 58.885)

Conversions

Conversions Part 1

Format	Color
Hex	FFB686
RGB	255, 182, 134
RGB Percent	100%, 71%, 53%
CMY	0.0000, 0.2848, 0.4731
CMYK	0.00, 0.28, 0.47, 0.00
HSL	24°, 100%, 76%
HSV	24°, 47%, 100%
XYZ	62.5273, 56.6813, 30.3310
YIQ	198.3550, 58.9160, 0.5480

Conversions

Conversions Part 2

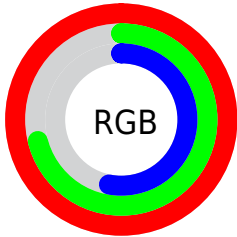
Format	Color
R _Y B	255, 214, 134
Decimal	16758406
CIE Lab	80.00, 21.06, 34.90
CIE LCh	80, 40.763, 58.885
Yxy	56.6813, 0.4181, 0.3790
Android (android.graphics.Color)	4294948486 (0xFFFFB686)
YUV	198.3550, -31.7270, 49.6777
Hunter-Lab	75.2870, 16.4956, 28.8146

Details

The CIELCh color **80, 40.763, 58.885** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **80, 32.168, 251.674**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 26.383, 93.749**, and **60, 40.740, 58.625** is the 20% darker color. If you saturate the color by 10%, you get **76, 50.769, 58.172**, and if you desaturate by 10%, it is **84, 30.999, 59.944**.

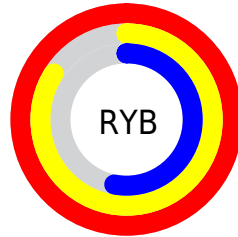
Distribution



Red (100%)

Green (71%)

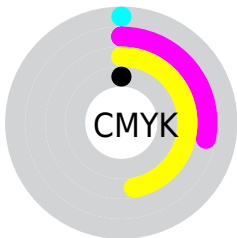
Blue (53%)



Red (100%)

Yellow (84%)

Blue (53%)

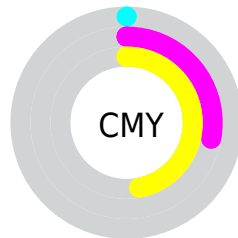


Cyan (0%)

Magenta (28%)

Yellow (47%)

Black (0%)



Cyan (0%)

Magenta (28%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 40.763, 58.885 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, 40.763, 58.885 by changing the saturation by 10% instead.

 80, 40.763, 58.885

 80, 40.763, 58.885

 100, 40.763,
58.885

 70, 40.763, 58.885

 60, 40.763, 58.885

 50, 40.763, 58.885

 40, 40.763, 58.885

 30, 40.763, 58.885

 20, 40.763, 58.885

 10, 40.763, 58.885

 0, 40.763, 58.885

 80, 40.763, 58.885

 80, 40.763, 58.885

76, 50.769, 58.172

84, 30.999, 59.944

72, 61.279, 57.308

88, 21.952, 60.891

69, 71.742, 56.337

92, 13.467, 61.866

66, 81.286, 55.001

97, 5.507, 62.821

63, 88.504, 52.851

100, 0.012,
296.813

62, 90.180, 52.238

Harmonies

Complementary

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



80, 40.763, 58.885



80, 32.168, 251.674

Rectangle

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



80, 40.763, 58.885



80, 40.763, 108.885



80, 40.763, 238.885



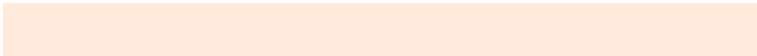
80, 40.763, 288.885

Sweetspot

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



80, 40.621, 59.039



94, 10.777, 62.189



72, 57.362, 342.086



49, 7.492, 61.978



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, 40.621, 59.039



76, 50.448, 58.199



94, 53.604, 99.785



51, 4.314, 62.620



47, 72.220, 52.915



14, 27.479, 52.026

Inverse Universe

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



80, 32.168, 251.674



76, 37.809, 254.457



65, 59.171, 292.392



51, 4.152, 244.802



47, 47.364, 272.212



14, 19.836, 265.015

Previews

White Background



This preview shows how the CIELCh color 80, 40.763, 58.885 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, 40.763, 58.885 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, 40.763, 58.885

Background



This preview shows how black text looks on a background with the CIELCh color 80, 40.763, 58.885.



This preview shows how white text looks on a background with the CIELCh color 80, 40.763, 58.885.

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

80, 40.763, 58.885

Protanopia

80, 30.758, 95.150

Deuteranopia

80, 36.673, 74.113



Tritanopia
80, 30.524, 10.231

Trichromacy



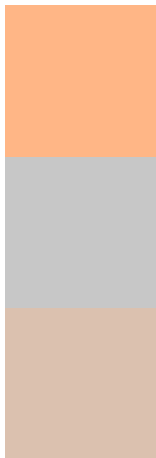
Original Color
80, 40.763, 58.885

Protanomaly
80, 32.207, 79.167

Deuteranomaly
80, 37.901, 68.320

Tritanomaly
80, 30.992, 31.551

Monochromacy



Original Color
80, 40.763, 58.885

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, 40.763, 58.885 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(255, 182, 134)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 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(255, 182, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 40.763, 58.885 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(255, 182, 134) }
```

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

```
.border{ border-color:rgb(255, 182, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 182, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 182, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 182, 134);  
box-shadow:4px 4px 4px 4px rgb(255, 182,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 40.763, 58.885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 182, 134) }
```

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

```
.background{ background-color: rgb(255,  
182, 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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