

Converting Colors

CIELCh(99, 98.175, 40.005)

Have a look what the booklet for
CIELCh(99, 98.175, 40.005) contains.

CIELCh(80, 41.142, 60.198)	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, 41.142, 60.198)

Conversions

Conversions Part 1

Format	Color
Hex	FFB785
RGB	255, 183, 133
RGB Percent	100%, 72%, 52%
CMY	0.0009, 0.2832, 0.4792
CMYK	0.00, 0.28, 0.48, 0.00
HSL	25°, 100%, 76%
HSV	25°, 48%, 100%
XYZ	62.2616, 56.6813, 29.7754
YIQ	198.8280, 58.9620, -0.2860

Conversions

Conversions Part 2

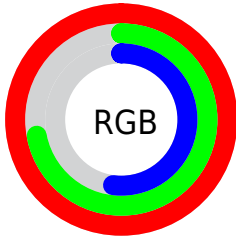
Format	Color
R_{YB}	255, 218, 133
Decimal	16758661
CIE _{Lab}	80.00, 20.45, 35.70
CIE _{LCh}	80, 41.142, 60.198
Yxy	56.6813, 0.4187, 0.3811
Android (android.graphics.Color)	4294948741 (0xFFFFB785)
YUV	198.8280, -32.4532, 49.2628
Hunter-Lab	75.2870, 15.8656, 29.2521

Details

The CIELCh color **80, 41.142, 60.198** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **79, 32.834, 253.413**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 27.255, 94.967**, and **60, 41.119, 59.964** is the 20% darker color. If you saturate the color by 10%, you get **76, 51.252, 59.272**, and if you desaturate by 10%, it is **84, 31.529, 61.163**.

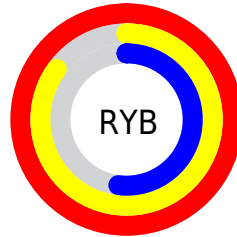
Distribution



Red (100%)

Green (72%)

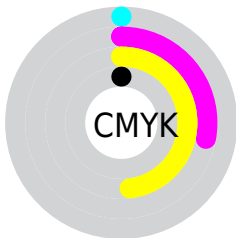
Blue (52%)



Red (100%)

Yellow (85%)

Blue (52%)

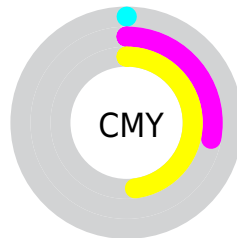


Cyan (0%)

Magenta (28%)

Yellow (48%)

Black (0%)



Cyan (0%)

Magenta (28%)

Yellow (48%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 41.142, 60.198 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, 41.142, 60.198 by changing the saturation by 10% instead.

 80, 41.142, 60.198

 80, 41.142, 60.198

 100, 41.142,
60.198

 70, 41.142, 60.198

 60, 41.142, 60.198

 50, 41.142, 60.198

 40, 41.142, 60.198

 30, 41.142, 60.198

 20, 41.142, 60.198

 10, 41.142, 60.198

 0, 41.142, 60.198

 80, 41.142, 60.198

 80, 41.142, 60.198

76, 51.252, 59.272

84, 31.529, 61.163

73, 61.683, 58.330

88, 22.471, 62.157

69, 72.000, 57.260

92, 13.959, 63.174

66, 81.299, 55.798

97, 5.961, 64.173

63, 88.223, 53.519

100, 0.082,
207.503

63, 89.524, 53.021

Harmonies

Complementary

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



80, 41.142, 60.198



79, 32.834, 253.413

Rectangle

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



80, 41.142, 60.198



80, 41.142, 110.198



80, 41.142, 240.198



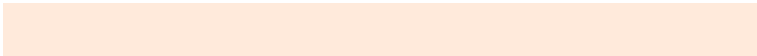
80, 41.142, 290.198

Sweetspot

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



80, 41.141, 60.203



94, 10.810, 63.568



71, 57.360, 343.035



49, 7.514, 63.349



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, 41.141, 60.203



77, 50.390, 59.353



95, 54.962, 100.645



51, 4.329, 64.017



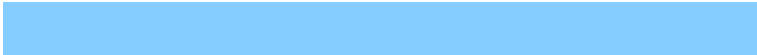
48, 71.760, 53.706



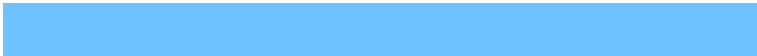
15, 27.385, 53.111

Inverse Universe

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



79, 32.834, 253.413



76, 38.290, 256.077



64, 61.107, 293.251



51, 4.174, 246.258



46, 48.515, 273.825



14, 20.233, 266.676

Previews

White Background



This preview shows how the CIELCh color 80, 41.142, 60.198 looks on a white background.

Color Contrast Check

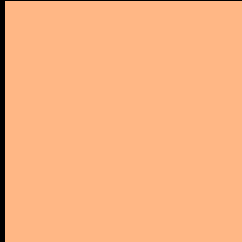
Large Text (above 18pt) WCAG AA × Fail

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, 41.142, 60.198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

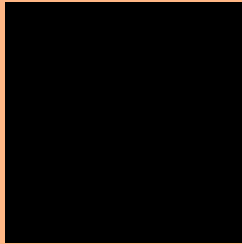
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 41.142, 60.198

Background



This preview shows how black text looks on a background with the CIELCh color 80, 41.142, 60.198.



This preview shows how white text looks on a background with the CIELCh color 80, 41.142, 60.198.

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, 41.142, 60.198

Protanopia

80, 32.166, 96.282

Deuteranopia

80, 37.826, 74.298



Tritanopia
80, 30.110, 10.020

Trichromacy



Original Color
80, 41.142, 60.198

Protanomaly
80, 33.386, 80.852

Deuteranomaly
80, 38.616, 68.264

Tritanomaly
80, 30.717, 32.568

Monochromacy



Original Color
80, 41.142, 60.198

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, 41.142, 60.198 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, 183, 133)` looks like.

```
.text, #text, p{  
    color:rgb(255, 183, 133)  
}
```

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, 183, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 183, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 41.142, 60.198 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, 183, 133) }
```

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

```
.border{ border-color:rgb(255, 183, 133) }
```

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

Here you see how a box with a 4 pixel rgb(255, 183, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 183, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 183, 133);  
box-shadow:4px 4px 4px 4px rgb(255, 183,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 41.142, 60.198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 183, 133) }
```

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

```
.background{ background-color: rgb(255,  
183, 133) }
```

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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