

Converting Colors

CIELCh(80, 46.109, 67.058)

Have a look what the booklet for
CIELCh(80, 46.109, 67.058) contains.

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Color

CIELCh(80, 45.818, 66.895)

Conversions

Conversions Part 1

Format	Color
Hex	FDB878
RGB	253, 184, 120
RGB Percent	99%, 72%, 47%
CMY	0.0068, 0.2774, 0.5285
CMYK	0.00, 0.27, 0.53, 0.01
HSL	29°, 97%, 73%
HSV	29°, 53%, 99%
XYZ	61.2061, 56.6813, 25.5591
YIQ	197.3350, 61.6680, -5.2760

Conversions

Conversions Part 2

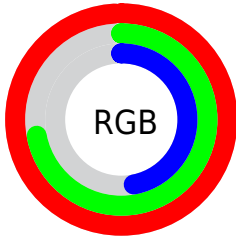
Format	Color
R _Y B	253, 243, 120
Decimal	16627832
CIE Lab	80.00, 17.98, 42.14
CIE LCh	80, 45.818, 66.895
Yxy	56.6813, 0.4267, 0.3951
Android (android.graphics.Color)	4294817912 (0xFFFDB878)
YUV	197.3350, -38.1262, 48.8182
Hunter-Lab	75.2870, 13.3630, 32.5726

Details

The CIELCh color **80, 45.818, 66.895** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **75, 38.483, 263.662**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 34.574, 97.662**, and **60, 45.603, 67.012** is the 20% darker color. If you saturate the color by 10%, you get **77, 55.697, 65.629**, and if you desaturate by 10%, it is **83, 36.206, 68.138**.

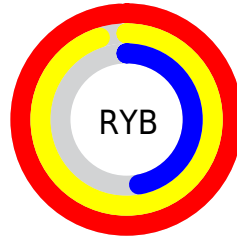
Distribution



Red (99%)

Green (72%)

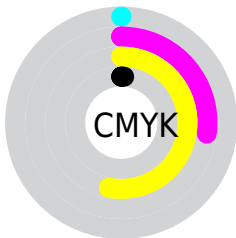
Blue (47%)



Red (99%)

Yellow (95%)

Blue (47%)

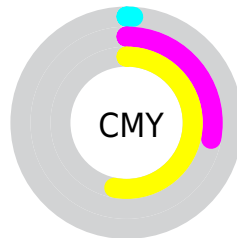


Cyan (0%)

Magenta (27%)

Yellow (53%)

Black (1%)



Cyan (1%)

Magenta (28%)

Yellow (53%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 45.818, 66.895 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, 45.818, 66.895 by changing the saturation by 10% instead.

 80, 45.818, 66.895

 80, 45.818, 66.895

 100, 45.818,
66.895

 70, 45.818, 66.895

 60, 45.818, 66.895

 50, 45.818, 66.895

 40, 45.818, 66.895

 30, 45.818, 66.895

 20, 45.818, 66.895

 10, 45.818, 66.895

 0, 45.818, 66.895

 80, 45.818, 66.895

 80, 45.818, 66.895

77, 55.697, 65.629

83, 36.206, 68.138

73, 65.531, 64.258

87, 26.994, 69.369

70, 74.670, 62.621

91, 18.220, 70.594

68, 81.991, 60.401

95, 9.877, 71.798

66, 85.884, 58.274

98, 1.938, 72.818

100, 0.599,
200.474

Harmonies

Complementary

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



80, 45.818, 66.895



75, 38.483, 263.662

Rectangle

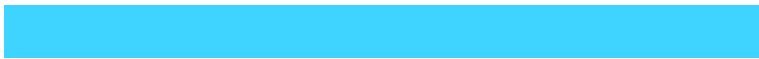
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80, 45.818, 66.895



80, 45.818, 116.895



80, 45.818, 246.895



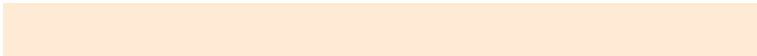
80, 45.818, 296.895

Sweetspot

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



80, 45.817, 66.900



94, 12.797, 71.384



68, 59.754, 347.449



49, 8.685, 71.136



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, 45.817, 66.900



77, 56.478, 65.565



96, 63.116, 103.615



51, 4.473, 72.150



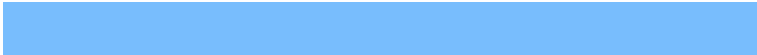
50, 69.251, 58.971



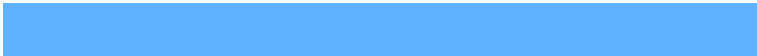
16, 27.036, 59.958

Inverse Universe

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



75, 38.483, 263.662



70, 45.837, 267.103



58, 72.767, 296.933



51, 4.361, 254.645



42, 56.138, 282.281



12, 22.941, 275.580

Previews

White Background



This preview shows how the CIELCh color 80, 45.818, 66.895 looks on a white background.

Color Contrast Check

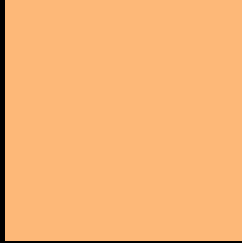
Large Text (above 18pt) WCAG AA × Fail

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, 45.818, 66.895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

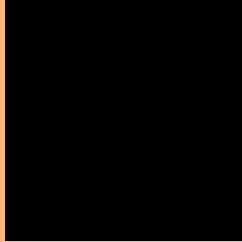
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 45.818, 66.895

Background



This preview shows how black text looks on a background with the CIELCh color 80, 45.818, 66.895.



This preview shows how white text looks on a background with the CIELCh color 80, 45.818, 66.895.

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, 45.818, 66.895

Protanopia

80, 38.878, 96.179

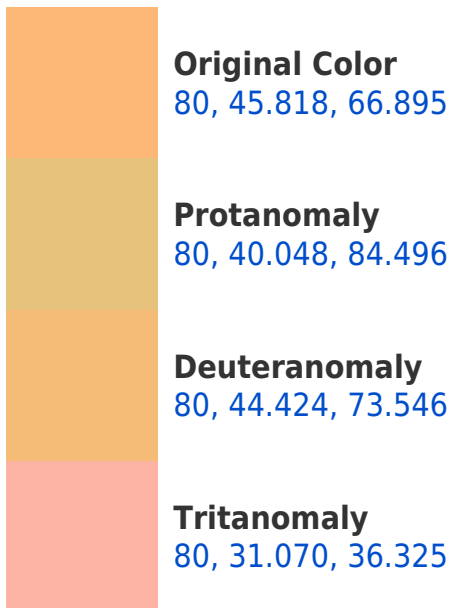
Deuteranopia

80, 43.760, 76.901



Tritanopia
80, 30.110, 10.020

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 45.818, 66.895 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(253, 184, 120)` looks like.

```
.text, #text, p{  
    color:rgb(253, 184, 120)  
}
```

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(253, 184, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 184, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 45.818, 66.895 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(253, 184, 120) }
```

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

```
.border{ border-color:rgb(253, 184, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 184, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 184, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 184, 120);  
box-shadow:4px 4px 4px 4px rgb(253, 184,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 45.818, 66.895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 184, 120) }
```

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

```
.background{ background-color: rgb(253,  
184, 120) }
```

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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