

Converting Colors

CIELCh(80, 54.147, 72.003)

Have a look what the booklet for
CIELCh(80, 54.147, 72.003) contains.

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Color

CIELCh(80, 54.273, 72.395)

Conversions

Conversions Part 1

Format	Color
Hex	FEB965
RGB	254, 185, 101
RGB Percent	100%, 73%, 40%
CMY	0.0041, 0.2746, 0.6041
CMYK	0.00, 0.27, 0.60, 0.00
HSL	33°, 99%, 70%
HSV	33°, 60%, 100%
XYZ	60.5430, 56.6813, 20.0511
YIQ	196.0550, 68.0880, -11.4960

Conversions

Conversions Part 2

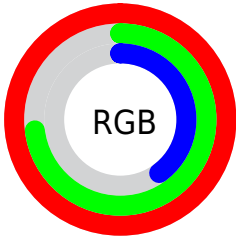
Format	Color
RYB	227, 254, 101
Decimal	16693605
CIELab	80.00, 16.42, 51.73
CIELCh	80, 54.273, 72.395
Yxy	56.6813, 0.4410, 0.4129
Android (android.graphics.Color)	4294883685 (0xFFFE965)
YUV	196.0550, -46.8621, 50.8178
Hunter-Lab	75.2870, 11.7910, 36.9102

Details

The CIELCh color **80, 54.273, 72.395** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **68, 48.293, 273.411**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 44.278, 99.409**, and **60, 54.303, 72.245** is the 20% darker color. If you saturate the color by 10%, you get **77, 63.747, 70.854**, and if you desaturate by 10%, it is **83, 44.629, 73.839**.

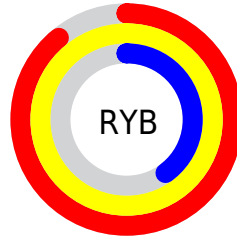
Distribution



Red (100%)

Green (73%)

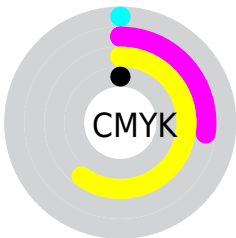
Blue (40%)



Red (89%)

Yellow (100%)

Blue (40%)

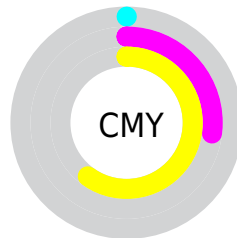


Cyan (0%)

Magenta (27%)

Yellow (60%)

Black (0%)



Cyan (0%)

Magenta (27%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 54.273, 72.395 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, 54.273, 72.395 by changing the saturation by 10% instead.

80, 54.273, 72.395

80, 54.273, 72.395

100, 54.273,
72.395

70, 54.273, 72.395

60, 54.273, 72.395

50, 54.273, 72.395

40, 54.273, 72.395

30, 54.273, 72.395

20, 54.273, 72.395

10, 54.273, 72.395

0, 54.273, 72.395

80, 54.273, 72.395

80, 54.273, 72.395

77, 63.747, 70.854

83, 44.629, 73.839

74, 72.452, 69.080

86, 35.124, 75.228

72, 79.388, 66.838

89, 25.895, 76.585

69, 83.734, 64.008

93, 16.995, 77.912

96, 8.431, 79.194

100, 0.188, 78.413

100, 0.364,
201.204

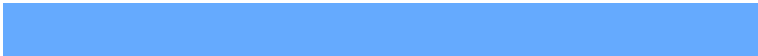
Harmonies

Complementary

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



80, 54.273, 72.395



68, 48.293, 273.411

Rectangle

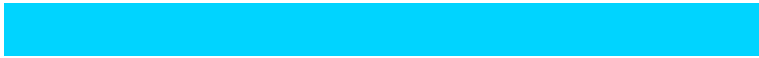
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80, 54.273, 72.395



80, 54.273, 122.395



80, 54.273, 252.395



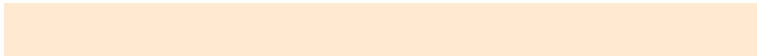
80, 54.273, 302.395

Sweetspot

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



80, 54.273, 72.399



94, 15.095, 78.204



64, 65.232, 353.072



49, 10.550, 77.824



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, 54.273, 72.399



77, 65.573, 70.561



97, 73.289, 106.199



51, 4.688, 79.285



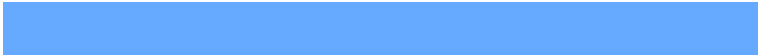
53, 67.492, 64.688



17, 27.085, 66.761

Inverse Universe

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



68, 48.293, 273.411



63, 57.854, 277.644



51, 87.883, 300.458



50, 4.618, 261.872



39, 64.210, 288.628



11, 25.924, 282.476

Previews

White Background



This preview shows how the CIELCh color 80, 54.273, 72.395 looks on a white background.

Color Contrast Check

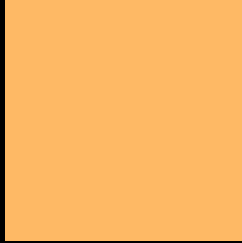
Large Text (above 18pt) WCAG AA × Fail

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, 54.273, 72.395 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, 54.273, 72.395

Background



This preview shows how black text looks on a background with the CIELCh color 80, 54.273, 72.395.



This preview shows how white text looks on a background with the CIELCh color 80, 54.273, 72.395.

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, 54.273, 72.395

Protanopia

80, 48.884, 95.726

Deuteranopia

80, 52.826, 78.916



Tritanopia
80, 30.068, 11.014

Trichromacy



Original Color
80, 54.273, 72.395

Protanomaly
80, 49.837, 86.666

Deuteranomaly
80, 53.575, 76.702

Tritanomaly
80, 33.181, 43.770

Monochromacy



Original Color
80, 54.273, 72.395

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 19.329, 77.651

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 54.273, 72.395 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, 185, 101)` looks like.

```
.text, #text, p{  
    color:rgb(254, 185, 101)  
}
```

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, 185, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 185, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 54.273, 72.395 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, 185, 101) }
```

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

```
.border{ border-color:rgb(254, 185, 101) }
```

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

Here you see how a box with a 4 pixel rgb(254, 185, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 185, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 185, 101);  
box-shadow:4px 4px 4px 4px rgb(254, 185,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 54.273, 72.395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 185, 101) }
```

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

```
.background{ background-color: rgb(254,  
185, 101) }
```

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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