

Converting Colors

CIELCh(79, 72.574, 77.738)

Have a look what the booklet for
CIELCh(79, 72.574, 77.738) contains.

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Color

CIELCh(79, 72.552, 77.609)

Conversions

Conversions Part 1

Format	Color
Hex	FEB635
RGB	254, 182, 53
RGB Percent	100%, 71%, 21%
CMY	0.0029, 0.2854, 0.7911
CMYK	0.00, 0.28, 0.79, 0.00
HSL	38°, 99%, 60%
HSV	38°, 79%, 100%
XYZ	58.3918, 54.9284, 10.9233
YIQ	188.8220, 84.3210, -24.8550

Conversions

Conversions Part 2

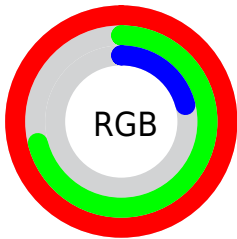
Format	Color
RYB	165, 254, 53
Decimal	16692789
CIELab	79.00, 15.57, 70.86
CIELCh	79, 72.552, 77.609
Yxy	54.9284, 0.4700, 0.4421
Android (android.graphics.Color)	4294882869 (0xFFFE635)
YUV	188.8220, -66.9602, 57.1611
Hunter-Lab	74.1137, 10.9355, 43.1411

Details

The CIELCh color **79, 72.552, 77.609** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **55, 74.078, 288.007**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 63.531, 98.711**, and **59, 66.690, 76.052** is the 20% darker color. If you saturate the color by 10%, you get **77, 78.673, 75.508**, and if you desaturate by 10%, it is **81, 64.455, 79.374**.

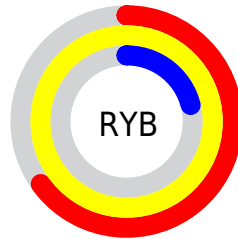
Distribution



Red (100%)

Green (71%)

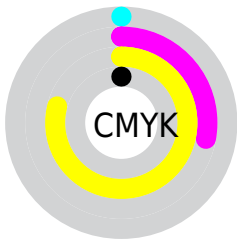
Blue (21%)



Red (65%)

Yellow (100%)

Blue (21%)

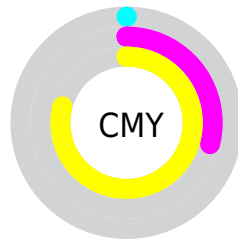


Cyan (0%)

Magenta (28%)

Yellow (79%)

Black (0%)



Cyan (0%)

Magenta (29%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 72.552, 77.609 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 79, 72.552, 77.609 by changing the saturation by 10% instead.

79, 72.552, 77.609

79, 72.552, 77.609

100, 72.552,
77.609

69, 72.552, 77.609

99, 72.552, 77.609

59, 72.552, 77.609

49, 72.552, 77.609

39, 72.552, 77.609

29, 72.552, 77.609

19, 72.552, 77.609

9, 72.552, 77.609

0, 72.552, 77.609

79, 72.552, 77.609

79, 72.552, 77.609

77, 78.673, 75.508

81, 64.455, 79.374

75, 82.071, 72.878

84, 55.318, 80.957

74, 82.340, 72.623

86, 45.756, 82.444

89, 36.116, 83.875

92, 26.576, 85.261

94, 17.218, 86.604

97, 8.076, 87.892

100, 0.256,
201.975

Harmonies

Complementary

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



79, 72.552, 77.609



55, 74.078, 288.007

Rectangle

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



79, 72.552, 77.609



79, 72.552, 127.609



79, 72.552, 257.609



79, 72.552, 307.609

Sweetspot

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



79, 72.551, 77.612



93, 21.872, 85.945



57, 77.316, 6.024



49, 15.090, 85.464



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



79, 72.551, 77.612



76, 81.153, 73.996



95, 89.966, 110.453



52, 5.086, 87.835



57, 66.452, 73.204



19, 27.785, 75.949

Inverse Universe

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



55, 74.078, 288.007



47, 90.726, 294.086



40, 115.225, 305.336



50, 5.070, 270.379



34, 75.838, 295.236



9, 30.419, 289.879

Previews

White Background



This preview shows how the CIELCh color 79, 72.552, 77.609 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 79, 72.552, 77.609 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 79, 72.552, 77.609

Background



This preview shows how black text looks on a background with the CIELCh color 79, 72.552, 77.609.



This preview shows how white text looks on a background with the CIELCh color 79, 72.552, 77.609.

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

79, 72.552, 77.609

Protanopia

79, 68.632, 95.039

Deuteranopia

79, 71.681, 81.925



Tritanopia
79, 31.738, 11.789

Trichromacy



Original Color
79, 72.552, 77.609

Protanomaly
79, 68.977, 88.634

Deuteranomaly
79, 72.136, 80.536

Tritanomaly
79, 39.883, 53.061

Monochromacy



Original Color
79, 72.552, 77.609

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 27.351, 84.776

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 72.552, 77.609 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, 182, 53)` looks like.

```
.text, #text, p{  
    color:rgb(254, 182, 53)  
}
```

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, 182, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 182, 53) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 72.552, 77.609 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, 182, 53) }
```

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

```
.border{ border-color:rgb(254, 182, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 182, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 182, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 182, 53);  
box-shadow:4px 4px 4px 4px rgb(254, 182,  
53) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 72.552, 77.609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 182, 53) }
```

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

```
.background{ background-color: rgb(254,  
182, 53) }
```

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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