

Converting Colors

CIELCh(79, 73.536, 78.045)

Have a look what the booklet for
CIELCh(79, 73.536, 78.045) contains.

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Color

CIELCh(79, 73.495, 77.847)

Conversions

Conversions Part 1

Format	Color
Hex	FEB632
RGB	254, 182, 50
RGB Percent	100%, 71%, 20%
CMY	0.0027, 0.2852, 0.8027
CMYK	0.00, 0.28, 0.80, 0.00
HSL	39°, 99%, 60%
HSV	39°, 80%, 100%
XYZ	58.3523, 54.9284, 10.5793
YIQ	188.4800, 85.2840, -25.7880

Conversions

Conversions Part 2

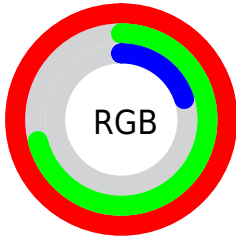
Format	Color
RYB	161, 254, 50
Decimal	16692786
CIELab	79.00, 15.47, 71.85
CIElCh	79, 73.495, 77.847
Yxy	54.9284, 0.4711, 0.4435
Android (android.graphics.Color)	4294882866 (0xFFFE632)
YUV	188.4800, -68.2706, 57.4610
Hunter-Lab	74.1137, 10.8402, 43.4163

Details

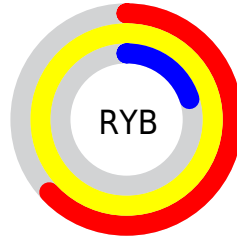
The CIELCh color **79, 73.495, 77.847** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **54, 75.914, 288.809**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 64.827, 98.724**, and **59, 66.690, 76.052** is the 20% darker color. If you saturate the color by 10%, you get **77, 79.264, 75.707**, and if you desaturate by 10%, it is **81, 65.611, 79.635**.

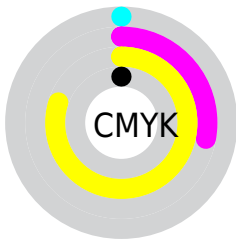
Distribution



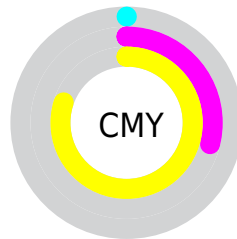
- Red (100%)
- Green (71%)
- Blue (20%)



- Red (63%)
- Yellow (100%)
- Blue (20%)



- Cyan (0%)
- Magenta (28%)
- Yellow (80%)
- Black (0%)



- Cyan (0%)
- Magenta (29%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 73.495, 77.847 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, 73.495, 77.847 by changing the saturation by 10% instead.

79, 73.495, 77.847

79, 73.495, 77.847

100, 73.495,
77.847

69, 73.495, 77.847

99, 73.495, 77.847

59, 73.495, 77.847

49, 73.495, 77.847

39, 73.495, 77.847

29, 73.495, 77.847

19, 73.495, 77.847

9, 73.495, 77.847

0, 73.495, 77.847

79, 73.495, 77.847

79, 73.495, 77.847

77, 79.264, 75.707

81, 65.611, 79.635

75, 82.336, 73.123

84, 56.573, 81.229

86, 47.038, 82.723

89, 37.381, 84.157

91, 27.797, 85.546

94, 18.382, 86.893

97, 9.173, 88.187

100, 0.181, 87.799

100, 0.239,
202.160

Harmonies

Complementary

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



79, 73.495, 77.847



54, 75.914, 288.809

Rectangle

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



79, 73.495, 77.847



79, 73.495, 127.847



79, 73.495, 257.847



79, 73.495, 307.847

Sweetspot

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



79, 73.494, 77.850



93, 21.970, 86.388



57, 77.985, 6.477



49, 15.156, 85.907



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, 73.494, 77.850



76, 81.438, 74.209



95, 90.720, 110.450



52, 5.112, 88.275



58, 66.445, 73.697



19, 27.846, 76.452

Inverse Universe

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



54, 75.914, 288.809



47, 92.564, 294.784



40, 116.703, 305.475



50, 5.099, 270.813



34, 76.498, 295.550



9, 30.682, 290.239

Previews

White Background



This preview shows how the CIELCh color 79, 73.495, 77.847 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, 73.495, 77.847 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, 73.495, 77.847

Background



This preview shows how black text looks on a background with the CIELCh color 79, 73.495, 77.847.



This preview shows how white text looks on a background with the CIELCh color 79, 73.495, 77.847.

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, 73.495, 77.847

Protanopia

79, 69.649, 95.067

Deuteranopia

79, 72.622, 82.108



Tritanopia
79, 31.738, 11.789

Trichromacy



Original Color
79, 73.495, 77.847

Protanomaly
79, 69.983, 88.747

Deuteranomaly
79, 73.073, 80.735

Tritanomaly
79, 40.232, 53.603

Monochromacy



Original Color
79, 73.495, 77.847

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 27.844, 85.120

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 73.495, 77.847 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, 50)` looks like.

```
.text, #text, p{  
    color:rgb(254, 182, 50)  
}
```

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, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 182, 50) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 73.495, 77.847 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, 50) }
```

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

```
.border{ border-color:rgb(254, 182, 50) }
```

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, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 182, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 182, 50);  
box-shadow:4px 4px 4px 4px rgb(254, 182,  
50) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 73.495, 77.847 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, 50) }
```

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

```
.background{ background-color: rgb(254,  
182, 50) }
```

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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