

Converting Colors

CIELCh(79, 66.460, 76.012)

Have a look what the booklet for
CIELCh(79, 66.460, 76.012) contains.

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Color

CIELCh(79, 66.582, 75.892)

Conversions

Conversions Part 1

Format	Color
Hex	FEB646
RGB	254, 182, 70
RGB Percent	100%, 71%, 27%
CMY	0.0042, 0.2865, 0.7257
CMYK	0.00, 0.28, 0.72, 0.00
HSL	37°, 99%, 64%
HSV	37°, 72%, 100%
XYZ	58.6647, 54.9284, 13.2941
YIQ	190.7600, 78.8640, -19.5680

Conversions

Conversions Part 2

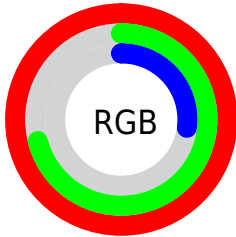
Format	Color
RYB	188, 254, 70
Decimal	16692806
CIELab	79.00, 16.23, 64.57
CIELCh	79, 66.582, 75.892
Yxy	54.9284, 0.4623, 0.4329
Android (android.graphics.Color)	4294882886 (0xFFFE646)
YUV	190.7600, -59.5347, 55.4615
Hunter-Lab	74.1137, 11.5926, 41.2445

Details

The CIELCh color **79, 66.582, 75.892** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light washed orange. A complement of this color would be **60, 63.922, 283.054**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 57.281, 98.584**, and **59, 66.619, 75.621** is the 20% darker color. If you saturate the color by 10%, you get **77, 74.402, 74.006**, and if you desaturate by 10%, it is **82, 57.565, 77.537**.

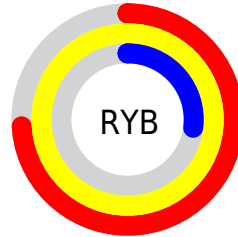
Distribution



Red (100%)

Green (71%)

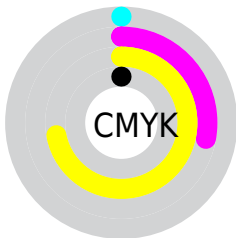
Blue (27%)



Red (74%)

Yellow (100%)

Blue (27%)

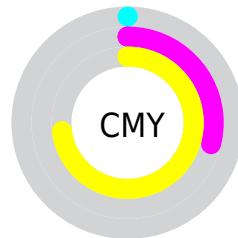


Cyan (0%)

Magenta (28%)

Yellow (72%)

Black (0%)



Cyan (0%)

Magenta (29%)

Yellow (73%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 66.582, 75.892 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, 66.582, 75.892 by changing the saturation by 10% instead.

 79, 66.582, 75.892

 79, 66.582, 75.892

 100, 66.582,
75.892

 69, 66.582, 75.892

 99, 66.582, 75.892

 59, 66.582, 75.892

 49, 66.582, 75.892

 39, 66.582, 75.892

 29, 66.582, 75.892

 19, 66.582, 75.892

 9, 66.582, 75.892

 0, 66.582, 75.892

 79, 66.582, 75.892

 79, 66.582, 75.892

77, 74.402, 74.006

82, 57.565, 77.537

74, 79.997, 71.650

84, 48.067, 79.054

72, 82.528, 69.495

87, 38.489, 80.502

90, 29.036, 81.906

93, 19.801, 83.269

96, 10.819, 84.585

99, 2.095, 85.742

100, 0.373,
201.158

Harmonies

Complementary

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



79, 66.582, 75.892



60, 63.922, 283.054

Rectangle

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



79, 66.582, 75.892



79, 66.582, 125.892



79, 66.582, 255.892



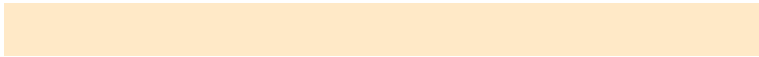
79, 66.582, 305.892

Sweetspot

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



79, 66.581, 75.895



93, 19.452, 83.330



59, 73.401, 1.033



49, 13.122, 82.965



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, 66.581, 75.895



76, 77.544, 73.005



96, 84.751, 108.878



52, 4.932, 84.960



56, 66.623, 70.119



18, 27.454, 72.733

Inverse Universe

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



60, 63.922, 283.054



53, 77.952, 288.699



44, 106.352, 303.911



50, 4.897, 267.535



36, 71.676, 293.122



9, 28.780, 287.480

Previews

White Background



This preview shows how the CIELCh color 79, 66.582, 75.892 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, 66.582, 75.892 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, 66.582, 75.892

Background



This preview shows how black text looks on a background with the CIELCh color 79, 66.582, 75.892.



This preview shows how white text looks on a background with the CIELCh color 79, 66.582, 75.892.

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, 66.582, 75.892

Protanopia

79, 62.123, 95.181

Deuteranopia

79, 65.480, 80.927



Tritanopia
79, 31.738, 11.789

Trichromacy



Original Color
79, 66.582, 75.892

Protanomaly
79, 62.624, 87.781

Deuteranomaly
79, 65.956, 79.421

Tritanomaly
79, 37.877, 49.573

Monochromacy



Original Color
79, 66.582, 75.892

Achromatopsia
77, 0.009, 296.813

Achromatomaly
78, 24.387, 82.392

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 66.582, 75.892 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, 70)` looks like.

```
.text, #text, p{  
    color:rgb(254, 182, 70)  
}
```

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, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 182, 70) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 66.582, 75.892 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, 70) }
```

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

```
.border{ border-color:rgb(254, 182, 70) }
```

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, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 182, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 182, 70);  
box-shadow:4px 4px 4px 4px rgb(254, 182,  
70) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 66.582, 75.892 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, 70) }
```

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

```
.background{ background-color: rgb(254,  
182, 70) }
```

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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