

Converting Colors

CIELCh(79, 69.015, 76.163)

Have a look what the booklet for
CIELCh(79, 69.015, 76.163) contains.

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Color

CIELCh(79, 69.035, 76.266)

Conversions

Conversions Part 1

Format	Color
Hex	FFB640
RGB	255, 182, 64
RGB Percent	100%, 71%, 25%
CMY	0.0011, 0.2872, 0.7500
CMYK	0.00, 0.29, 0.75, 0.00
HSL	37°, 100%, 62%
HSV	37°, 75%, 100%
XYZ	58.7310, 54.9284, 12.3191
YIQ	190.3750, 81.3860, -21.2220

Conversions

Conversions Part 2

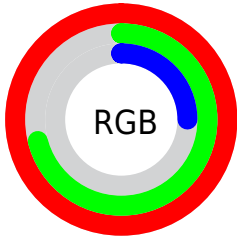
Format	Color
R_{YB}	182, 255, 64
Decimal	16758336
CIE _{Lab}	79.00, 16.39, 67.06
CIE _{LCh}	79, 69.035, 76.266
Yxy	54.9284, 0.4662, 0.4360
Android (android.graphics.Color)	4294948416 (0xFFFFB640)
YUV	190.3750, -62.3029, 56.6761
Hunter-Lab	74.1137, 11.7525, 42.0244

Details

The CIELCh color **79, 69.035, 76.266** 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 **58, 67.435, 284.721**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 59.548, 98.644**, and **59, 66.934, 75.712** is the 20% darker color. If you saturate the color by 10%, you get **77, 76.322, 74.294**, and if you desaturate by 10%, it is **82, 60.272, 77.958**.

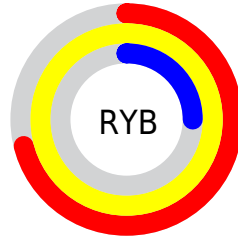
Distribution



Red (100%)

Green (71%)

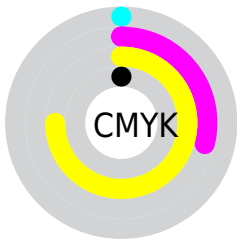
Blue (25%)



Red (71%)

Yellow (100%)

Blue (25%)

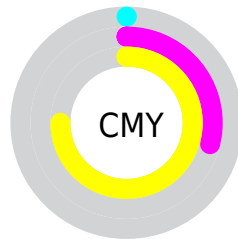


Cyan (0%)

Magenta (29%)

Yellow (75%)

Black (0%)



Cyan (0%)

Magenta (29%)

Yellow (75%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 69.035, 76.266 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, 69.035, 76.266 by changing the saturation by 10% instead.

 79, 69.035, 76.266

 79, 69.035, 76.266

 100, 69.035,
76.266

 69, 69.035, 76.266

 99, 69.035, 76.266

 59, 69.035, 76.266

 49, 69.035, 76.266

 39, 69.035, 76.266

 29, 69.035, 76.266

 19, 69.035, 76.266

 9, 69.035, 76.266

 0, 69.035, 76.266

 79, 69.035, 76.266

 79, 69.035, 76.266

77, 76.322, 74.294

82, 60.272, 77.958

74, 81.091, 71.800

84, 50.845, 79.500

73, 82.618, 70.360

87, 41.233, 80.965

90, 31.685, 82.380

92, 22.322, 83.754

95, 13.194, 85.083

98, 4.315, 86.329

100, 0.099,
206.128

Harmonies

Complementary

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



79, 69.035, 76.266



58, 67.435, 284.721

Rectangle

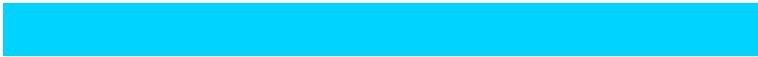
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79, 69.035, 76.266



79, 69.035, 126.266



79, 69.035, 256.266



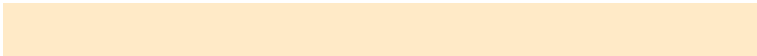
79, 69.035, 306.266

Sweetspot

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



79, 69.034, 76.269



93, 19.600, 84.154



59, 75.047, 3.180



49, 13.220, 83.789



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, 69.034, 76.269



76, 79.164, 73.121



96, 87.054, 109.655



52, 4.974, 85.783



56, 66.552, 70.978



18, 27.538, 73.641

Inverse Universe

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



58, 67.435, 284.721



51, 82.163, 290.565



42, 110.079, 304.552



50, 4.945, 268.351



35, 72.842, 293.738



9, 29.235, 288.175

Previews

White Background



This preview shows how the CIELCh color 79, 69.035, 76.266 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, 69.035, 76.266 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, 69.035, 76.266

Background



This preview shows how black text looks on a background with the CIELCh color 79, 69.035, 76.266.



This preview shows how white text looks on a background with the CIELCh color 79, 69.035, 76.266.

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, 69.035, 76.266

Protanopia

79, 64.511, 95.280

Deuteranopia

79, 68.081, 81.537



Tritanopia
79, 31.738, 11.789

Trichromacy



Original Color
79, 69.035, 76.266

Protanomaly
79, 65.363, 88.180

Deuteranomaly
79, 68.261, 79.199

Tritanomaly
79, 38.528, 50.781

Monochromacy



Original Color
79, 69.035, 76.266

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 25.572, 82.410

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 69.035, 76.266 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(255, 182, 64)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 64)  
}
```

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(255, 182, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 64) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 69.035, 76.266 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(255, 182, 64) }
```

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

```
.border{ border-color:rgb(255, 182, 64) }
```

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

Here you see how a box with a 4 pixel rgb(255, 182, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 182, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 182, 64);  
box-shadow:4px 4px 4px 4px rgb(255, 182,  
64) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 69.035, 76.266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 182, 64) }
```

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

```
.background{ background-color: rgb(255,  
182, 64) }
```

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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