

Converting Colors

CIELCh(79, 61.065, 71.959)

Have a look what the booklet for
CIELCh(79, 61.065, 71.959) contains.

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Color

CIELCh(79, 60.742, 72.323)

Conversions

Conversions Part 1

Format	Color
Hex	FFB556
RGB	255, 181, 86
RGB Percent	100%, 71%, 34%
CMY	0.0000, 0.2918, 0.6645
CMYK	0.00, 0.29, 0.66, 0.00
HSL	34°, 100%, 67%
HSV	34°, 66%, 100%
XYZ	59.5851, 54.9284, 16.1731
YIQ	192.2960, 74.5990, -13.8570

Conversions

Conversions Part 2

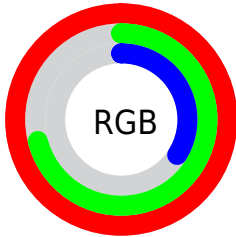
Format	Color
RYB	218, 255, 86
Decimal	16758102
CIELab	79.00, 18.44, 57.87
CIELCh	79, 60.742, 72.323
Yxy	54.9284, 0.4559, 0.4203
Android (android.graphics.Color)	4294948182 (0xFFFFB556)
YUV	192.2960, -52.4039, 54.9914
Hunter-Lab	74.1137, 13.8095, 38.9413

Details

The CIELCh color **79, 60.742, 72.323** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **65, 54.383, 276.690**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 49.918, 97.755**, and **59, 60.492, 72.610** is the 20% darker color. If you saturate the color by 10%, you get **76, 69.591, 70.856**, and if you desaturate by 10%, it is **82, 50.992, 74.059**.

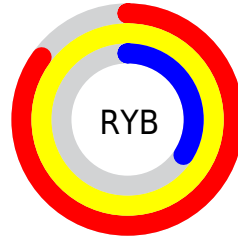
Distribution



Red (100%)

Green (71%)

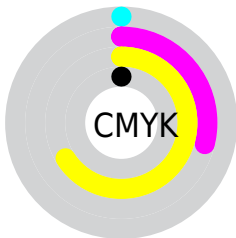
Blue (34%)



Red (85%)

Yellow (100%)

Blue (34%)

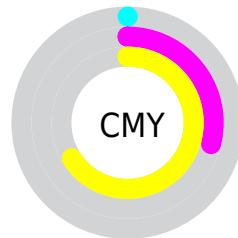


Cyan (0%)

Magenta (29%)

Yellow (66%)

Black (0%)



Cyan (0%)

Magenta (29%)

Yellow (66%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 60.742, 72.323 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, 60.742, 72.323 by changing the saturation by 10% instead.

 79, 60.742, 72.323

 79, 60.742, 72.323

 100, 60.742,
72.323

 69, 60.742, 72.323

 99, 60.742, 72.323

 59, 60.742, 72.323


 49, 60.742, 72.323

 39, 60.742, 72.323

 29, 60.742, 72.323

 19, 60.742, 72.323

 9, 60.742, 72.323

 0, 60.742, 72.323

 79, 60.742, 72.323

 79, 60.742, 72.323

76, 69.591, 70.856

82, 50.992, 74.059

73, 77.219, 68.812

85, 41.358, 75.494

71, 82.320, 66.112

88, 31.901, 76.884

70, 83.693, 65.053

91, 22.727, 78.242

94, 13.871, 79.564

98, 5.333, 80.818

100, 0.012,
296.813

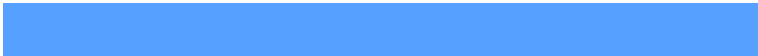
Harmonies

Complementary

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



79, 60.742, 72.323



65, 54.383, 276.690

Rectangle

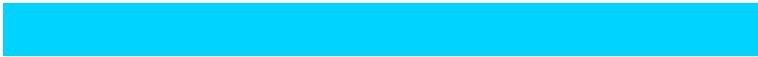
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79, 60.742, 72.323



79, 60.742, 122.323



79, 60.742, 252.323



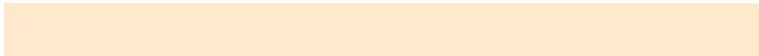
79, 60.742, 302.323

Sweetspot

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



79, 60.564, 72.543



93, 16.981, 79.099



62, 70.232, 355.617



49, 11.647, 78.727



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, 60.564, 72.543



75, 72.519, 70.184



97, 79.586, 106.630



51, 4.732, 80.449



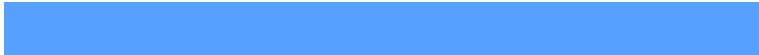
54, 67.266, 65.734



17, 27.134, 67.945

Inverse Universe

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



65, 54.383, 276.690



59, 65.663, 281.921



47, 97.921, 302.022



50, 4.669, 263.039



38, 65.662, 289.586



11, 26.472, 283.533

Previews

White Background



This preview shows how the CIELCh color 79, 60.742, 72.323 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, 60.742, 72.323 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, 60.742, 72.323

Background



This preview shows how black text looks on a background with the CIELCh color 79, 60.742, 72.323.



This preview shows how white text looks on a background with the CIELCh color 79, 60.742, 72.323.

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





Tritanopia
79, 32.159, 11.976

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 60.742, 72.323 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, 181, 86)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 86)  
}
```

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, 181, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 86) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 60.742, 72.323 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, 181, 86) }
```

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

```
.border{ border-color:rgb(255, 181, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 181, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 86);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
86) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 60.742, 72.323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 181, 86) }
```

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

```
.background{ background-color: rgb(255,  
181, 86) }
```

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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