

Converting Colors

CIELCh(79, 66.257, 75.210)

Have a look what the booklet for
CIELCh(79, 66.257, 75.210) contains.

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Color

CIELCh(79, 66.351, 74.964)

Conversions

Conversions Part 1

Format	Color
Hex	FFB547
RGB	255, 181, 71
RGB Percent	100%, 71%, 28%
CMY	0.0000, 0.2892, 0.7205
CMYK	0.00, 0.29, 0.72, 0.00
HSL	36°, 100%, 64%
HSV	36°, 72%, 100%
XYZ	59.0723, 54.9284, 13.4938
YIQ	190.5860, 79.4140, -18.5220

Conversions

Conversions Part 2

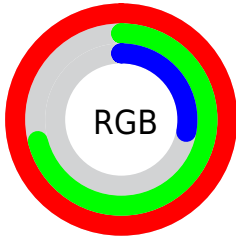
Format	Color
RYB	195, 255, 71
Decimal	16758087
CIELab	79.00, 17.21, 64.08
CIELCh	79, 66.351, 74.964
Yxy	54.9284, 0.4633, 0.4308
Android (android.graphics.Color)	4294948167 (0xFFFFB547)
YUV	190.5860, -58.9559, 56.4911
Hunter-Lab	74.1137, 12.5744, 41.0847

Details

The CIELCh color **79, 66.351, 74.964** 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 **61, 62.745, 282.087**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 56.454, 98.117**, and **59, 66.539, 74.698** is the 20% darker color. If you saturate the color by 10%, you get **76, 74.280, 73.181**, and if you desaturate by 10%, it is **82, 57.147, 76.694**.

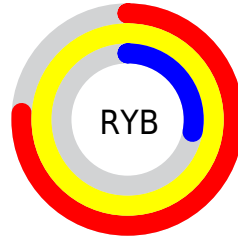
Distribution



Red (100%)

Green (71%)

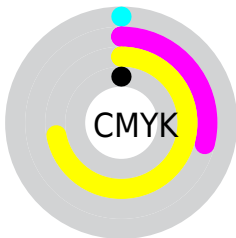
Blue (28%)



Red (76%)

Yellow (100%)

Blue (28%)

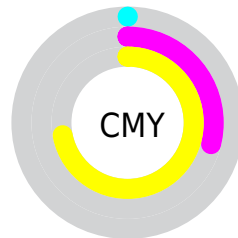


Cyan (0%)

Magenta (29%)

Yellow (72%)

Black (0%)



Cyan (0%)

Magenta (29%)

Yellow (72%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 66.351, 74.964 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, 66.351, 74.964 by changing the saturation by 10% instead.

 79, 66.351, 74.964

 79, 66.351, 74.964

 100, 66.351,
74.964

 69, 66.351, 74.964

 99, 66.351, 74.964

 59, 66.351, 74.964

 49, 66.351, 74.964

 39, 66.351, 74.964

 29, 66.351, 74.964

 19, 66.351, 74.964

 9, 66.351, 74.964

 0, 66.351, 74.964

 79, 66.351, 74.964

 79, 66.351, 74.964

76, 74.280, 73.181

82, 57.147, 76.694

74, 80.125, 70.831

84, 47.591, 78.203

72, 82.935, 68.541

87, 37.994, 79.647

90, 28.549, 81.047

93, 19.343, 82.408

96, 10.406, 83.721

99, 1.738, 84.841

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, 66.351, 74.964



61, 62.745, 282.087

Rectangle

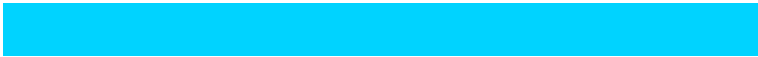
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79, 66.351, 74.964



79, 66.351, 124.964



79, 66.351, 254.964



79, 66.351, 304.964

Sweetspot

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



79, 66.276, 75.061



93, 19.295, 82.415



60, 73.643, 359.616



49, 13.019, 82.050



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, 66.276, 75.061



75, 76.907, 72.326



96, 84.595, 108.046



52, 4.888, 84.044



55, 66.720, 69.185



18, 27.371, 71.736

Inverse Universe

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



61, 62.745, 282.087



54, 75.659, 287.532



44, 106.247, 303.592



50, 4.847, 266.626



36, 70.405, 292.427



10, 28.287, 286.698

Previews

White Background



This preview shows how the CIELCh color 79, 66.351, 74.964 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, 66.351, 74.964 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, 66.351, 74.964

Background



This preview shows how black text looks on a background with the CIELCh color 79, 66.351, 74.964.



This preview shows how white text looks on a background with the CIELCh color 79, 66.351, 74.964.

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, 66.351, 74.964

Protanopia

79, 61.633, 95.563

Deuteranopia

79, 65.096, 80.831



Tritanopia
79, 32.159, 11.976

Trichromacy



Original Color
79, 66.351, 74.964

Protanomaly
79, 62.075, 88.102

Deuteranomaly
79, 65.656, 78.494

Tritanomaly
79, 37.989, 48.674

Monochromacy



Original Color
79, 66.351, 74.964

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 24.121, 81.038

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 66.351, 74.964 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, 71)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 71)  
}
```

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, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 71) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 66.351, 74.964 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, 71) }
```

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

```
.border{ border-color:rgb(255, 181, 71) }
```

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, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 71);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
71) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 66.351, 74.964 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, 71) }
```

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

```
.background{ background-color: rgb(255,  
181, 71) }
```

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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