

Converting Colors

CIELCh(79, 53.400, 73.403)

Have a look what the booklet for
CIELCh(79, 53.400, 73.403) contains.

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Color

CIELCh(79, 53.588, 73.431)

Conversions

Conversions Part 1

Format	Color
Hex	F9B763
RGB	249, 183, 99
RGB Percent	98%, 72%, 39%
CMY	0.0234, 0.2822, 0.6116
CMYK	0.00, 0.27, 0.60, 0.02
HSL	34°, 93%, 68%
HSV	34°, 60%, 98%
XYZ	58.2737, 54.9284, 19.3428
YIQ	193.1580, 66.3000, -12.1320

Conversions

Conversions Part 2

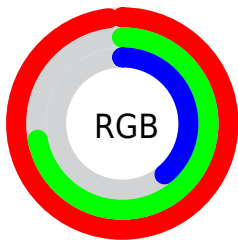
Format	Color
R _Y B	217, 249, 99
Decimal	16365411
CIE Lab	79.00, 15.28, 51.36
CIE LCh	79, 53.588, 73.431
Yxy	54.9284, 0.4397, 0.4144
Android (android.graphics.Color)	4294555491 (0xFFFF9B763)
YUV	193.1580, -46.4199, 48.9734
Hunter-Lab	74.1137, 10.6511, 36.4056

Details

The CIELCh color **79, 53.588, 73.431** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **67, 48.298, 274.448**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 44.456, 98.344**, and **59, 53.546, 73.303** is the 20% darker color. If you saturate the color by 10%, you get **76, 62.856, 71.873**, and if you desaturate by 10%, it is **82, 44.120, 74.890**.

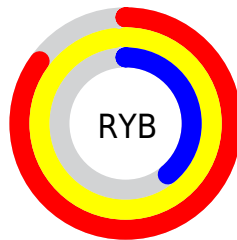
Distribution



Red (98%)

Green (72%)

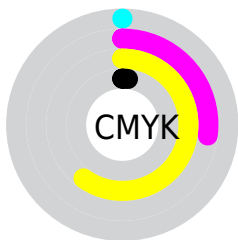
Blue (39%)



Red (85%)

Yellow (98%)

Blue (39%)

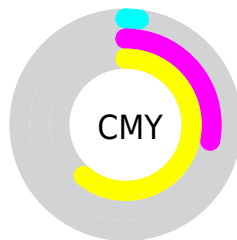


Cyan (0%)

Magenta (27%)

Yellow (60%)

Black (2%)



Cyan (2%)

Magenta (28%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 53.588, 73.431 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, 53.588, 73.431 by changing the saturation by 10% instead.

79, 53.588, 73.431

79, 53.588, 73.431

100, 53.588,
73.431

69, 53.588, 73.431

99, 53.588, 73.431

59, 53.588, 73.431

49, 53.588, 73.431

39, 53.588, 73.431

29, 53.588, 73.431

19, 53.588, 73.431

9, 53.588, 73.431

0, 53.588, 73.431

79, 53.588, 73.431

79, 53.588, 73.431

76, 62.856, 71.873

82, 44.120, 74.890

73, 71.332, 70.086

85, 34.761, 76.292

71, 78.039, 67.843

88, 25.653, 77.660

69, 82.211, 65.031

91, 16.850, 78.994

95, 8.362, 80.281

98, 0.179, 79.481

100, 2.069,
199.594

Harmonies

Complementary

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



79, 53.588, 73.431



67, 48.298, 274.448

Rectangle

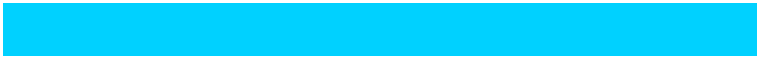
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79, 53.588, 73.431



79, 53.588, 123.431



79, 53.588, 253.431



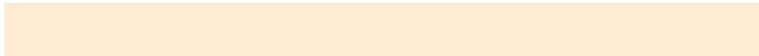
79, 53.588, 303.431

Sweetspot

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



79, 53.588, 73.435



94, 15.217, 79.284



63, 63.776, 354.202



49, 10.632, 78.901



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, 53.588, 73.435



77, 65.681, 71.563



95, 72.177, 107.018



50, 4.651, 80.373



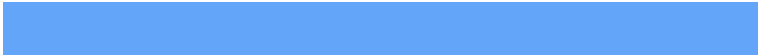
53, 66.604, 65.699



16, 25.964, 67.782

Inverse Universe

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



67, 48.298, 274.448



63, 58.893, 278.674



51, 86.429, 300.778



49, 4.589, 262.958



38, 64.848, 289.481



10, 25.549, 283.090

Previews

White Background



This preview shows how the CIELCh color 79, 53.588, 73.431 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, 53.588, 73.431 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, 53.588, 73.431

Background



This preview shows how black text looks on a background with the CIELCh color 79, 53.588, 73.431.



This preview shows how white text looks on a background with the CIELCh color 79, 53.588, 73.431.

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, 53.588, 73.431

Protanopia

79, 48.979, 95.645

Deuteranopia

79, 52.698, 79.256



Tritanopia
79, 32.226, 10.110

Trichromacy



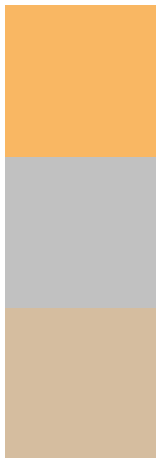
Original Color
79, 53.588, 73.431

Protanomaly
79, 49.328, 86.916

Deuteranomaly
79, 53.203, 77.422

Tritanomaly
79, 33.875, 42.529

Monochromacy



Original Color
79, 53.588, 73.431

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 18.712, 77.909

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 53.588, 73.431 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(249, 183, 99)` looks like.

```
.text, #text, p{  
    color:rgb(249, 183, 99)  
}
```

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(249, 183, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 183, 99) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 53.588, 73.431 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(249, 183, 99) }
```

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

```
.border{ border-color:rgb(249, 183, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 183, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 183, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 183, 99);  
box-shadow:4px 4px 4px 4px rgb(249, 183,  
99) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 53.588, 73.431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 183, 99) }
```

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

```
.background{ background-color: rgb(249,  
183, 99) }
```

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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