

Converting Colors

CIELCh(79, 52.925, 68.989)

Have a look what the booklet for
CIELCh(79, 52.925, 68.989) contains.

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Color

CIELCh(79, 53.066, 69.430)

Conversions

Conversions Part 1

Format	Color
Hex	FEB567
RGB	254, 181, 103
RGB Percent	100%, 71%, 40%
CMY	0.0051, 0.2912, 0.5971
CMYK	0.00, 0.29, 0.59, 0.01
HSL	31°, 98%, 70%
HSV	31°, 59%, 99%
XYZ	59.6689, 54.9284, 20.2230
YIQ	193.9350, 68.5460, -8.7820

Conversions

Conversions Part 2

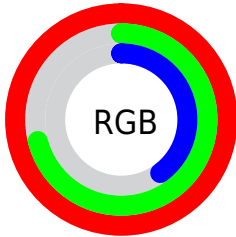
Format	Color
R _Y B	244, 254, 103
Decimal	16692583
CIE Lab	79.00, 18.64, 49.68
CIE LCh	79, 53.066, 69.430
Yxy	54.9284, 0.4426, 0.4074
Android (android.graphics.Color)	4294882663 (0xFFFE B567)
YUV	193.9350, -44.8310, 52.6770
Hunter-Lab	74.1137, 14.0113, 35.7014

Details

The CIELCh color **79, 53.066, 69.430** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **70, 45.487, 269.842**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 41.742, 96.923**, and **59, 53.307, 69.287** is the 20% darker color. If you saturate the color by 10%, you get **76, 62.749, 67.979**, and if you desaturate by 10%, it is **82, 43.349, 70.800**.

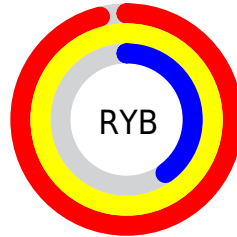
Distribution



Red (100%)

Green (71%)

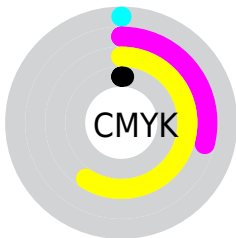
Blue (40%)



Red (96%)

Yellow (100%)

Blue (40%)

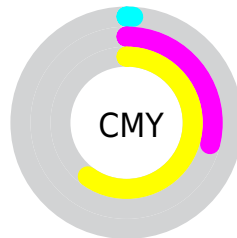


Cyan (0%)

Magenta (29%)

Yellow (59%)

Black (1%)



Cyan (1%)

Magenta (29%)

Yellow (60%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 53.066, 69.430 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, 53.066, 69.430 by changing the saturation by 10% instead.

 79, 53.066, 69.430

 79, 53.066, 69.430

 100, 53.066,
69.430

 69, 53.066, 69.430

 99, 53.066, 69.430

 59, 53.066, 69.430

 49, 53.066, 69.430

 39, 53.066, 69.430

 29, 53.066, 69.430

 19, 53.066, 69.430

 9, 53.066, 69.430

 0, 53.066, 69.430

 79, 53.066, 69.430

 79, 53.066, 69.430

76, 62.749, 67.979

82, 43.349, 70.800

73, 71.848, 66.310

86, 33.868, 72.128

70, 79.384, 64.181

89, 24.736, 73.435

68, 84.431, 61.332

93, 15.986, 74.721

67, 84.666, 61.190

96, 7.615, 75.965

100, 0.402,
258.321

100, 0.452,
200.844

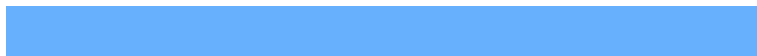
Harmonies

Complementary

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



79, 53.066, 69.430



70, 45.487, 269.842

Rectangle

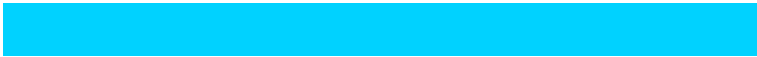
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79, 53.066, 69.430



79, 53.066, 119.430



79, 53.066, 249.430



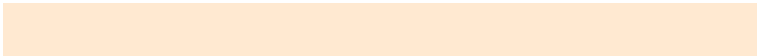
79, 53.066, 299.430

Sweetspot

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



79, 53.065, 69.434



93, 14.769, 74.910



65, 64.981, 351.801



49, 10.330, 74.540



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, 53.065, 69.434



76, 64.437, 67.743



97, 72.452, 105.436



51, 4.576, 75.964



52, 68.240, 61.885



16, 27.013, 63.498

Inverse Universe

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



70, 45.487, 269.842



65, 54.154, 274.015



52, 86.674, 299.970



50, 4.486, 258.523



40, 60.281, 285.780



12, 24.459, 279.359

Previews

White Background



This preview shows how the CIELCh color 79, 53.066, 69.430 looks on a white background.

Color Contrast Check

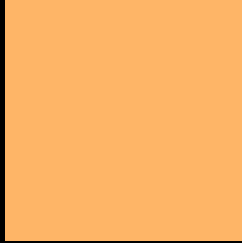
Large Text (above 18pt) WCAG AA × Fail

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, 53.066, 69.430 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, 53.066, 69.430

Background



This preview shows how black text looks on a background with the CIELCh color 79, 53.066, 69.430.



This preview shows how white text looks on a background with the CIELCh color 79, 53.066, 69.430.

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, 53.066, 69.430

Protanopia

79, 46.590, 95.400

Deuteranopia

79, 51.363, 78.728



Tritanopia
79, 31.738, 11.789

Trichromacy



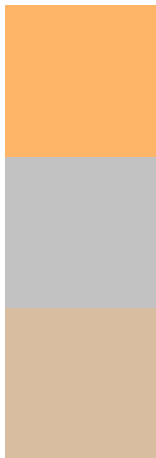
Original Color
79, 53.066, 69.430

Protanomaly
79, 47.535, 84.782

Deuteranomaly
79, 51.777, 75.212

Tritanomaly
79, 34.597, 40.373

Monochromacy



Original Color
79, 53.066, 69.430

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 18.481, 73.203

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 53.066, 69.430 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, 181, 103)` looks like.

```
.text, #text, p{  
    color:rgb(254, 181, 103)  
}
```

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, 181, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 181, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 53.066, 69.430 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, 181, 103) }
```

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

```
.border{ border-color:rgb(254, 181, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 181, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 181, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 181, 103);  
box-shadow:4px 4px 4px 4px rgb(254, 181,  
103) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 53.066, 69.430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 181, 103) }
```

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

```
.background{ background-color: rgb(254,  
181, 103) }
```

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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