

Converting Colors

CIELCh(82, 51.820, 79.051)

Have a look what the booklet for
CIELCh(82, 51.820, 79.051) contains.

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Color

CIELCh(82, 51.891, 79.356)

Conversions

Conversions Part 1

Format	Color
Hex	F9C36B
RGB	249, 195, 107
RGB Percent	98%, 76%, 42%
CMY	0.0231, 0.2349, 0.5800
CMYK	0.00, 0.22, 0.57, 0.02
HSL	37°, 92%, 70%
HSV	37°, 57%, 98%
XYZ	61.3020, 60.2982, 22.3437
YIQ	201.1140, 60.4320, -15.9200

Conversions

Conversions Part 2

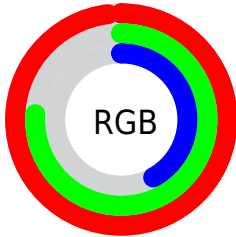
Format	Color
R_{YB}	194, 249, 107
Decimal	16368491
CIE Lab	82.00, 9.58, 51.00
CIE LCh	82, 51.891, 79.356
Yxy	60.2982, 0.4259, 0.4189
Android (android.graphics.Color)	4294558571 (0xFFFF9C36B)
YUV	201.1140, -46.3982, 41.9960
Hunter-Lab	77.6519, 5.0253, 37.2961

Details

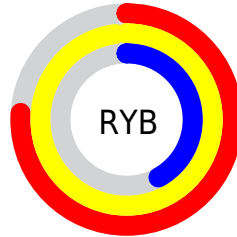
The CIELCh color **82, 51.891, 79.356** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **66, 49.848, 278.727**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 45.579, 104.667**, and **62, 51.726, 79.793** is the 20% darker color. If you saturate the color by 10%, you get **79, 61.062, 77.798**, and if you desaturate by 10%, it is **85, 42.461, 80.835**.

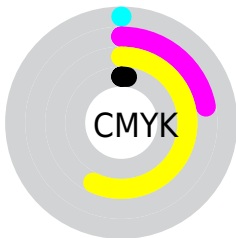
Distribution



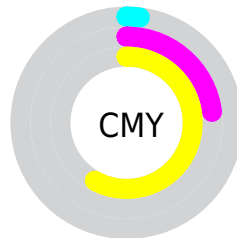
- Red (98%)
- Green (76%)
- Blue (42%)



- Red (76%)
- Yellow (98%)
- Blue (42%)



- Cyan (0%)
- Magenta (22%)
- Yellow (57%)
- Black (2%)



- Cyan (2%)
- Magenta (23%)
- Yellow (58%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 51.891, 79.356 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 82, 51.891, 79.356 by changing the saturation by 10% instead.

 82, 51.891, 79.356

 82, 51.891, 79.356

 100, 51.891,
79.356

 72, 51.891, 79.356

 62, 51.891, 79.356

 52, 51.891, 79.356

 42, 51.891, 79.356

 32, 51.891, 79.356

 22, 51.891, 79.356

 12, 51.891, 79.356

 2, 51.891, 79.356

 0, 51.891, 79.356

82, 51.891, 79.356

82, 51.891, 79.356

79, 61.062, 77.798

85, 42.461, 80.835

77, 69.447, 76.070

87, 33.054, 82.257

75, 76.188, 74.020

90, 23.808, 83.638

72, 80.296, 71.410

93, 14.785, 84.975

72, 81.215, 70.570

96, 6.002, 86.247

99, 1.836, 257.959

100, 2.044,
199.600

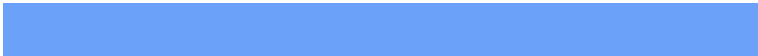
Harmonies

Complementary

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



82, 51.891, 79.356



66, 49.848, 278.727

Rectangle

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



82, 51.891, 79.356



82, 51.891, 129.356



82, 51.891, 259.356



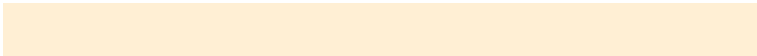
82, 51.891, 309.356

Sweetspot

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



82, 51.891, 79.360



95, 15.061, 84.973



64, 59.419, 358.221



50, 10.103, 84.708



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



82, 51.891, 79.360



81, 63.123, 77.622



94, 69.186, 110.420



51, 4.900, 85.941



56, 65.876, 71.176



17, 26.401, 73.810

Inverse Universe

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



66, 49.848, 278.727



62, 61.049, 282.342



54, 81.286, 301.663



49, 4.872, 268.502



35, 72.266, 293.816



9, 28.328, 287.961

Previews

White Background



This preview shows how the CIELCh color 82, 51.891, 79.356 looks on a white background.

Color Contrast Check

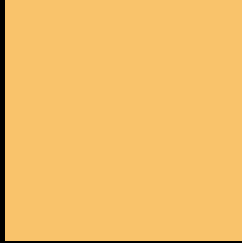
Large Text (above 18pt) WCAG AA × Fail

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 82, 51.891, 79.356 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 82, 51.891, 79.356

Background



This preview shows how black text looks on a background with the CIELCh color 82, 51.891, 79.356.



This preview shows how white text looks on a background with the CIELCh color 82, 51.891, 79.356.

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
82, 27.408, 6.271

Trichromacy



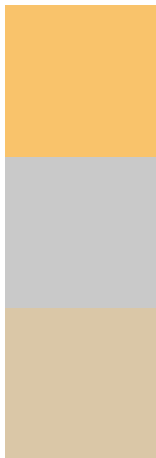
Original Color
82, 51.891, 79.356

Protanomaly
82, 49.776, 89.439

Deuteranomaly
82, 52.108, 78.943

Tritanomaly
82, 28.763, 45.801

Monochromacy



Original Color
82, 51.891, 79.356

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 18.530, 84.829

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 51.891, 79.356 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, 195, 107)` looks like.

```
.text, #text, p{  
    color:rgb(249, 195, 107)  
}
```

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, 195, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 195, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 51.891, 79.356 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, 195, 107) }
```

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

```
.border{ border-color:rgb(249, 195, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 195, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 195, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 195, 107);  
box-shadow:4px 4px 4px 4px rgb(249, 195,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 51.891, 79.356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 195, 107) }
```

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

```
.background{ background-color: rgb(249,  
195, 107) }
```

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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