

Converting Colors

CIELCh(81, 57.538, 79.763)

Have a look what the booklet for
CIELCh(81, 57.538, 79.763) contains.

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Color

CIELCh(81, 57.496, 79.801)

Conversions

Conversions Part 1

Format	Color
Hex	F9C05D
RGB	249, 192, 93
RGB Percent	98%, 75%, 36%
CMY	0.0246, 0.2480, 0.6362
CMYK	0.00, 0.23, 0.63, 0.02
HSL	38°, 93%, 67%
HSV	38°, 63%, 98%
XYZ	59.7344, 58.4711, 18.4404
YIQ	197.7570, 65.7510, -18.7050

Conversions

Conversions Part 2

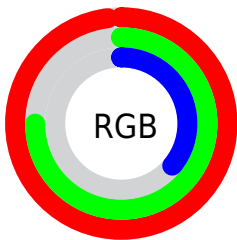
Format	Color
RYB	183, 249, 93
Decimal	16367709
CIELab	81.00, 10.18, 56.59
CIELCh	81, 57.496, 79.801
Yxy	58.4711, 0.4371, 0.4279
Android (android.graphics.Color)	4294557789 (0xFFFF9C05D)
YUV	197.7570, -51.6452, 44.9401
Hunter-Lab	76.4664, 5.6253, 39.2283

Details

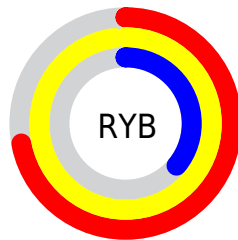
The CIELCh color **81, 57.496, 79.801** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **62, 56.209, 281.716**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 50.986, 103.043**, and **61, 57.505, 79.901** is the 20% darker color. If you saturate the color by 10%, you get **79, 66.224, 78.168**, and if you desaturate by 10%, it is **83, 48.195, 81.321**.

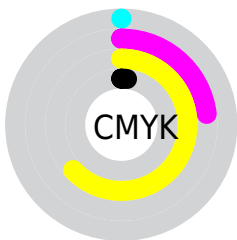
Distribution



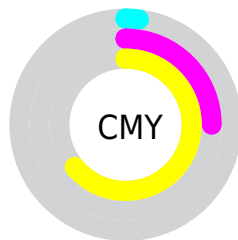
- Red (98%)
- Green (75%)
- Blue (36%)



- Red (72%)
- Yellow (98%)
- Blue (36%)



- Cyan (0%)
- Magenta (23%)
- Yellow (63%)
- Black (2%)



- Cyan (2%)
- Magenta (25%)
- Yellow (64%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 57.496, 79.801 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 81, 57.496, 79.801 by changing the saturation by 10% instead.

 81, 57.496, 79.801

 81, 57.496, 79.801

 100, 57.496,
79.801

 71, 57.496, 79.801

 61, 57.496, 79.801

 51, 57.496, 79.801

 41, 57.496, 79.801

 31, 57.496, 79.801

 21, 57.496, 79.801

 11, 57.496, 79.801

 1, 57.496, 79.801

 0, 57.496, 79.801

81, 57.496, 79.801

81, 57.496, 79.801

79, 66.224, 78.168

83, 48.195, 81.321

76, 73.662, 76.300

86, 38.739, 82.769

74, 78.821, 74.001

89, 29.346, 84.171

73, 81.010, 72.001

91, 20.122, 85.531

94, 11.111, 86.843

97, 2.325, 88.017

100, 2.174,
199.572

Harmonies

Complementary

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



81, 57.496, 79.801



62, 56.209, 281.716

Rectangle

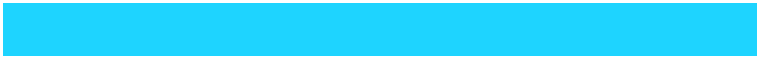
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81, 57.496, 79.801



81, 57.496, 129.801



81, 57.496, 259.801



81, 57.496, 309.801

Sweetspot

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



81, 57.496, 79.805



95, 17.103, 86.020



62, 64.178, 0.808



50, 11.814, 85.639



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



81, 57.496, 79.805



80, 69.456, 77.747



94, 74.979, 110.909



51, 4.969, 87.248



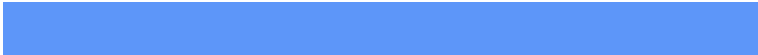
56, 65.806, 72.584



18, 26.557, 75.292

Inverse Universe

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



62, 56.209, 281.716



57, 69.373, 286.006



50, 89.894, 302.948



49, 4.950, 269.794



34, 74.145, 294.775



8, 29.049, 289.056

Previews

White Background



This preview shows how the CIELCh color 81, 57.496, 79.801 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 81, 57.496, 79.801 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 81, 57.496, 79.801

Background



This preview shows how black text looks on a background with the CIELCh color 81, 57.496, 79.801.



This preview shows how white text looks on a background with the CIELCh color 81, 57.496, 79.801.

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
81, 57.496, 79.801

Protanopia
81, 54.920, 95.821

Deuteranopia
81, 57.496, 79.801



Tritanopia
81, 29.009, 7.311

Trichromacy



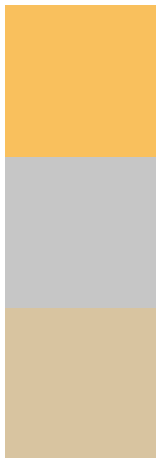
Original Color
81, 57.496, 79.801

Protanomaly
81, 55.059, 89.845

Deuteranomaly
81, 57.496, 79.801

Tritanomaly
81, 31.575, 47.788

Monochromacy



Original Color
81, 57.496, 79.801

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 20.713, 85.820

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 57.496, 79.801 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, 192, 93)` looks like.

```
.text, #text, p{  
    color:rgb(249, 192, 93)  
}
```

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, 192, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 192, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 57.496, 79.801 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, 192, 93) }
```

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

```
.border{ border-color:rgb(249, 192, 93) }
```

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

Here you see how a box with a 4 pixel rgb(249, 192, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 192, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 192, 93);  
box-shadow:4px 4px 4px 4px rgb(249, 192,  
93) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 57.496, 79.801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 192, 93) }
```

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

```
.background{ background-color: rgb(249,  
192, 93) }
```

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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