

Converting Colors

CIELCh(81, 38.507, 76.553)

Have a look what the booklet for
CIELCh(81, 38.507, 76.553) contains.

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Color

CIELCh(81, 38.584, 76.415)

Conversions

Conversions Part 1

Format	Color
Hex	F0C183
RGB	240, 193, 131
RGB Percent	94%, 76%, 51%
CMY	0.0577, 0.2421, 0.4853
CMYK	0.00, 0.20, 0.45, 0.06
HSL	34°, 79%, 73%
HSV	34°, 45%, 94%
XYZ	59.2679, 58.4711, 29.7208
YIQ	199.9850, 47.9140, -9.3180

Conversions

Conversions Part 2

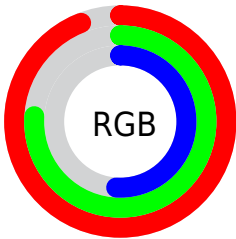
Format	Color
R_{YB}	214, 240, 131
Decimal	15778179
CIE Lab	81.00, 9.06, 37.50
CIE LCh	81, 38.584, 76.415
Yxy	58.4711, 0.4019, 0.3965
Android (android.graphics.Color)	4293968259 (0xFFFF0C183)
YUV	199.9850, -34.0096, 35.0932
Hunter-Lab	76.4664, 4.5363, 30.4818

Details

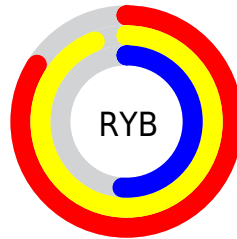
The CIELCh color **81, 38.584, 76.415** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **72, 35.796, 270.871**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 32.426, 103.583**, and **61, 38.872, 76.829** is the 20% darker color. If you saturate the color by 10%, you get **78, 47.748, 74.987**, and if you desaturate by 10%, it is **84, 29.588, 77.810**.

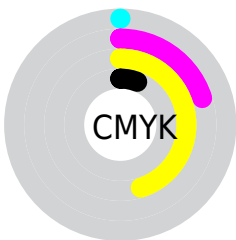
Distribution



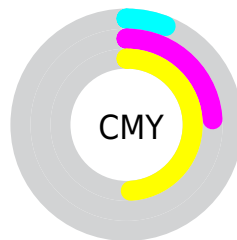
- Red (94%)
- Green (76%)
- Blue (51%)



- Red (84%)
- Yellow (94%)
- Blue (51%)



- Cyan (0%)
- Magenta (20%)
- Yellow (45%)
- Black (6%)



- Cyan (6%)
- Magenta (24%)
- Yellow (49%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 38.584, 76.415 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, 38.584, 76.415 by changing the saturation by 10% instead.

 81, 38.584, 76.415

 81, 38.584, 76.415

 100, 38.584,
76.415

 71, 38.584, 76.415

 61, 38.584, 76.415

 51, 38.584, 76.415

 41, 38.584, 76.415

 31, 38.584, 76.415

 21, 38.584, 76.415

 11, 38.584, 76.415

 1, 38.584, 76.415

 0, 38.584, 76.415

81, 38.584, 76.415

81, 38.584, 76.415

78, 47.748, 74.987

84, 29.588, 77.810

75, 56.869, 73.478

87, 20.853, 79.165

73, 65.520, 71.815

90, 12.410, 80.483

70, 72.940, 69.833

93, 4.259, 81.721

68, 78.075, 67.252

96, 3.616, 263.158

67, 79.797, 65.902

99, 5.069, 199.215

Harmonies

Complementary

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



81, 38.584, 76.415



72, 35.796, 270.871

Rectangle

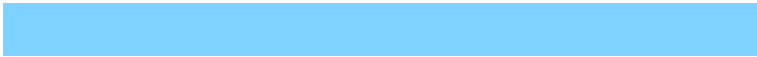
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81, 38.584, 76.415



81, 38.584, 126.415



81, 38.584, 256.415



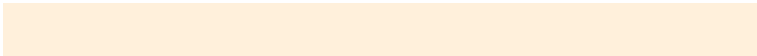
81, 38.584, 306.415

Sweetspot

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



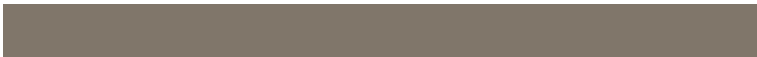
81, 38.584, 76.420



95, 11.828, 80.655



68, 47.531, 352.590



50, 8.198, 80.375



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, 38.584, 76.420



83, 48.788, 75.163



92, 54.507, 108.908



49, 4.527, 81.233



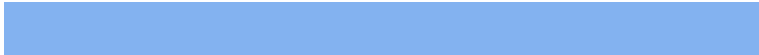
52, 65.100, 66.561



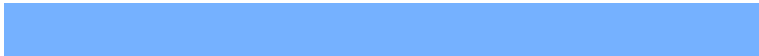
15, 23.616, 68.482

Inverse Universe

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



72, 35.796, 270.871



71, 44.700, 273.338



60, 61.550, 298.428



47, 4.472, 263.808



36, 64.464, 290.089



9, 24.123, 283.027

Previews

White Background



This preview shows how the CIELCh color 81, 38.584, 76.415 looks on a white background.

Color Contrast Check

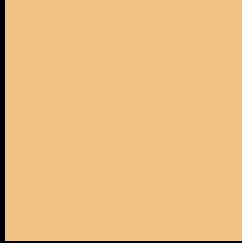
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 81, 38.584, 76.415 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, 38.584, 76.415

Background



This preview shows how black text looks on a background with the CIELCh color 81, 38.584, 76.415.



This preview shows how white text looks on a background with the CIELCh color 81, 38.584, 76.415.

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, 38.584, 76.415

Protanopia

81, 35.814, 95.696

Deuteranopia

81, 39.058, 75.377



Tritanopia
81, 24.458, 4.012

Trichromacy



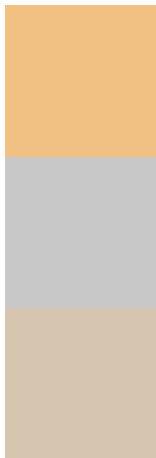
Original Color
81, 38.584, 76.415

Protanomaly
81, 36.195, 88.307

Deuteranomaly
81, 38.819, 75.893

Tritanomaly
81, 23.880, 38.927

Monochromacy



Original Color
81, 38.584, 76.415

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 13.862, 80.673

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 38.584, 76.415 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(240, 193, 131)` looks like.

```
.text, #text, p{  
    color:rgb(240, 193, 131)  
}
```

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(240, 193, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 193, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 38.584, 76.415 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(240, 193, 131) }
```

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

```
.border{ border-color:rgb(240, 193, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 193, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 193, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 193, 131);  
box-shadow:4px 4px 4px 4px rgb(240, 193,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 38.584, 76.415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 193, 131) }
```

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

```
.background{ background-color: rgb(240,  
193, 131) }
```

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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