

Converting Colors

CIELCh(81, 43.154, 81.496)

Have a look what the booklet for
CIELCh(81, 43.154, 81.496) contains.

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Color

CIELCh(81, 43.209, 81.660)

Conversions

Conversions Part 1

Format	Color
Hex	EEC379
RGB	238, 195, 121
RGB Percent	93%, 76%, 47%
CMY	0.0674, 0.2360, 0.5261
CMYK	0.00, 0.18, 0.49, 0.07
HSL	38°, 77%, 70%
HSV	38°, 49%, 93%
XYZ	58.1119, 58.4711, 26.2583
YIQ	199.4210, 49.3820, -13.8980

Conversions

Conversions Part 2

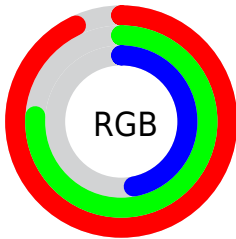
Format	Color
RYB	189, 238, 121
Decimal	15647609
CIELab	81.00, 6.27, 42.75
CIELCh	81, 43.209, 81.660
Yxy	58.4711, 0.4068, 0.4093
Android (android.graphics.Color)	4293837689 (0xFFEEC379)
YUV	199.4210, -38.6616, 33.8338
Hunter-Lab	76.4664, 1.8378, 33.1665

Details

The CIELCh color **81, 43.209, 81.660** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **67, 41.972, 277.505**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 38.268, 104.894**, and **61, 43.541, 81.945** is the 20% darker color. If you saturate the color by 10%, you get **79, 52.266, 80.180**, and if you desaturate by 10%, it is **84, 34.101, 83.092**.

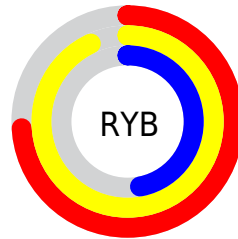
Distribution



Red (93%)

Green (76%)

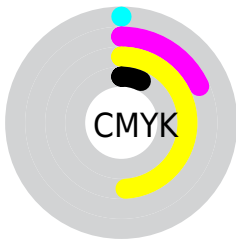
Blue (47%)



Red (74%)

Yellow (93%)

Blue (47%)

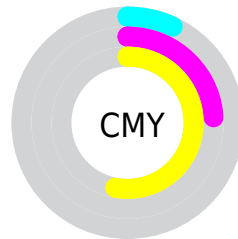


Cyan (0%)

Magenta (18%)

Yellow (49%)

Black (7%)



Cyan (7%)

Magenta (24%)

Yellow (53%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 43.209, 81.660 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, 43.209, 81.660 by changing the saturation by 10% instead.

 81, 43.209, 81.660

 81, 43.209, 81.660

 100, 43.209,
81.660

 71, 43.209, 81.660

 61, 43.209, 81.660

 51, 43.209, 81.660

 41, 43.209, 81.660

 31, 43.209, 81.660

 21, 43.209, 81.660

 11, 43.209, 81.660

 1, 43.209, 81.660

 0, 43.209, 81.660

81, 43.209, 81.660

81, 43.209, 81.660

79, 52.266, 80.180

84, 34.101, 83.092

76, 60.954, 78.600

86, 25.104, 84.475

74, 68.702, 76.838

89, 16.293, 85.817

72, 74.631, 74.728

91, 7.697, 87.103

70, 78.064, 72.096

94, 0.682, 268.847

70, 78.311, 71.880

97, 5.077, 250.787

99, 5.905, 199.144

Harmonies

Complementary

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



81, 43.209, 81.660



67, 41.972, 277.505

Rectangle

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



81, 43.209, 81.660



81, 43.209, 131.660



81, 43.209, 261.660



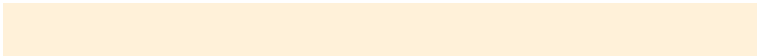
81, 43.209, 311.660

Sweetspot

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



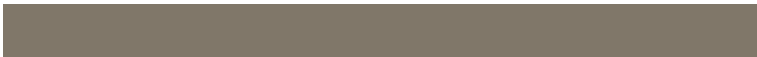
81, 43.209, 81.664



96, 13.405, 86.357



65, 49.894, 356.610



50, 9.171, 86.081



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, 43.209, 81.664



84, 55.134, 80.175



91, 58.428, 110.929



49, 4.792, 87.066



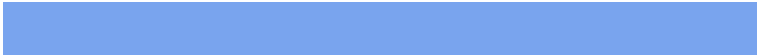
55, 64.483, 72.446



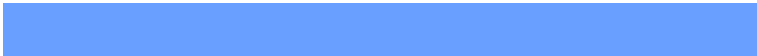
16, 24.154, 75.077

Inverse Universe

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



67, 41.972, 277.505



66, 53.644, 280.398



57, 66.657, 300.398



47, 4.773, 269.604



33, 72.234, 294.563



7, 26.822, 287.971

Previews

White Background



This preview shows how the CIELCh color 81, 43.209, 81.660 looks on a white background.

Color Contrast Check

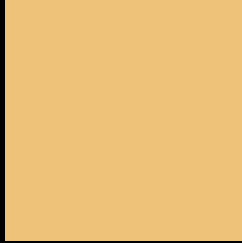
Large Text (above 18pt) WCAG AA × Fail

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, 43.209, 81.660 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, 43.209, 81.660

Background



This preview shows how black text looks on a background with the CIELCh color 81, 43.209, 81.660.



This preview shows how white text looks on a background with the CIELCh color 81, 43.209, 81.660.

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, 43.209, 81.660

Protanopia

81, 41.464, 95.428

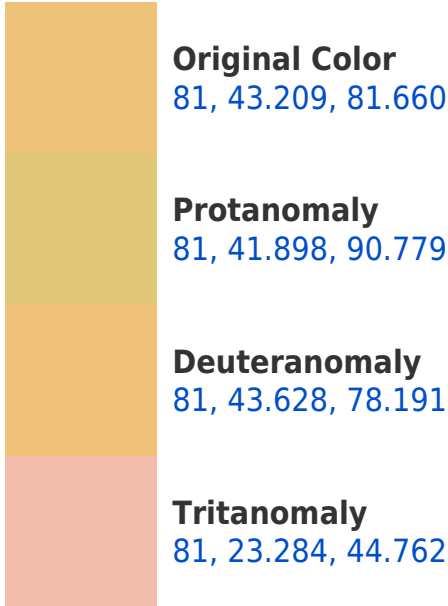
Deuteranopia

81, 43.904, 76.487



Tritanopia
81, 23.854, 2.148

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 43.209, 81.660 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(238, 195, 121)` looks like.

```
.text, #text, p{  
    color:rgb(238, 195, 121)  
}
```

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(238, 195, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 195, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 43.209, 81.660 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(238, 195, 121) }
```

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

```
.border{ border-color:rgb(238, 195, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 195, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 195, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 195, 121);  
box-shadow:4px 4px 4px 4px rgb(238, 195,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 43.209, 81.660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 195, 121) }
```

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

```
.background{ background-color: rgb(238,  
195, 121) }
```

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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