

Converting Colors

CIELCh(81, 52.834, 86.469)

Have a look what the booklet for
CIELCh(81, 52.834, 86.469) contains.

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Color

CIELCh(81, 52.834, 86.524)

Conversions

Conversions Part 1

Format	Color
Hex	ECC464
RGB	236, 196, 100
RGB Percent	93%, 77%, 39%
CMY	0.0730, 0.2299, 0.6065
CMYK	0.00, 0.17, 0.58, 0.07
HSL	42°, 79%, 66%
HSV	42°, 58%, 93%
XYZ	56.8622, 58.4711, 20.4333
YIQ	197.0160, 54.6560, -21.3760

Conversions

Conversions Part 2

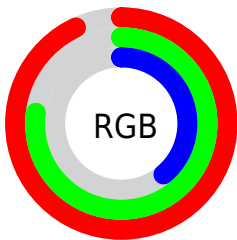
Format	Color
RYB	157, 236, 100
Decimal	15516772
CIELab	81.00, 3.20, 52.74
CIElCh	81, 52.834, 86.524
Yxy	58.4711, 0.4188, 0.4307
Android (android.graphics.Color)	4293706852 (0xFFECC464)
YUV	197.0160, -47.8289, 34.1890
Hunter-Lab	76.4664, -1.0794, 37.6830

Details

The CIELCh color **81, 52.834, 86.524** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **60, 54.587, 285.204**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 49.373, 104.984**, and **61, 52.912, 86.883** is the 20% darker color. If you saturate the color by 10%, you get **79, 61.452, 85.047**, and if you desaturate by 10%, it is **83, 43.704, 87.943**.

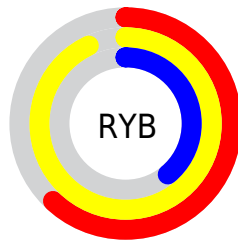
Distribution



Red (93%)

Green (77%)

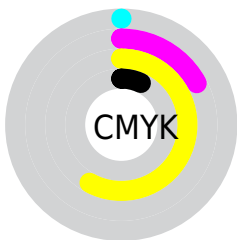
Blue (39%)



Red (62%)

Yellow (93%)

Blue (39%)

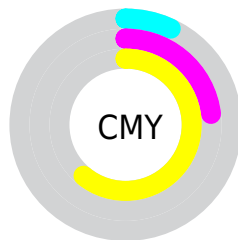


Cyan (0%)

Magenta (17%)

Yellow (58%)

Black (7%)



Cyan (7%)

Magenta (23%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 52.834, 86.524 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, 52.834, 86.524 by changing the saturation by 10% instead.

 81, 52.834, 86.524

 81, 52.834, 86.524

 100, 52.834,
86.524

 71, 52.834, 86.524

 61, 52.834, 86.524

 51, 52.834, 86.524

 41, 52.834, 86.524

 31, 52.834, 86.524

 21, 52.834, 86.524

 11, 52.834, 86.524

 1, 52.834, 86.524

 0, 52.834, 86.524

81, 52.834, 86.524

81, 52.834, 86.524

79, 61.452, 85.047

83, 43.704, 87.943

77, 68.999, 83.449

85, 34.391, 89.315

75, 74.666, 81.633

87, 25.074, 90.648

74, 77.698, 79.454

90, 15.847, 91.939

73, 78.238, 78.894

92, 6.755, 93.174

94, 2.185, 274.531

96, 5.852, 260.106

98, 5.541, 215.222

99, 6.382, 199.105

Harmonies

Complementary

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



81, 52.834, 86.524



60, 54.587, 285.204

Rectangle

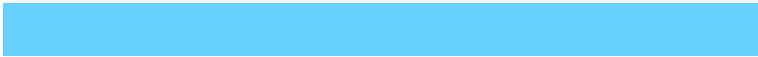
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81, 52.834, 86.524



81, 52.834, 136.524



81, 52.834, 266.524



81, 52.834, 316.524

Sweetspot

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



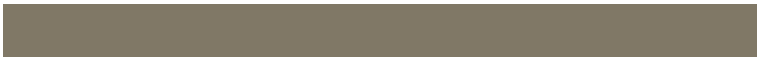
81, 52.834, 86.528



96, 16.316, 92.000



61, 56.362, 4.485



51, 10.932, 91.744



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, 52.834, 86.528



84, 66.565, 84.780



89, 67.539, 114.264



48, 5.061, 92.945



57, 64.124, 79.365



16, 23.926, 82.267

Inverse Universe

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



60, 54.587, 285.204



57, 70.697, 288.789



52, 78.580, 303.742



46, 5.079, 275.372



29, 80.158, 298.588



6, 28.145, 290.668

Previews

White Background



This preview shows how the CIELCh color 81, 52.834, 86.524 looks on a white background.

Color Contrast Check

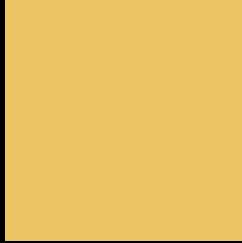
Large Text (above 18pt) WCAG AA × Fail

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, 52.834, 86.524 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, 52.834, 86.524

Background



This preview shows how black text looks on a background with the CIELCh color 81, 52.834, 86.524.



This preview shows how white text looks on a background with the CIELCh color 81, 52.834, 86.524.

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](#).

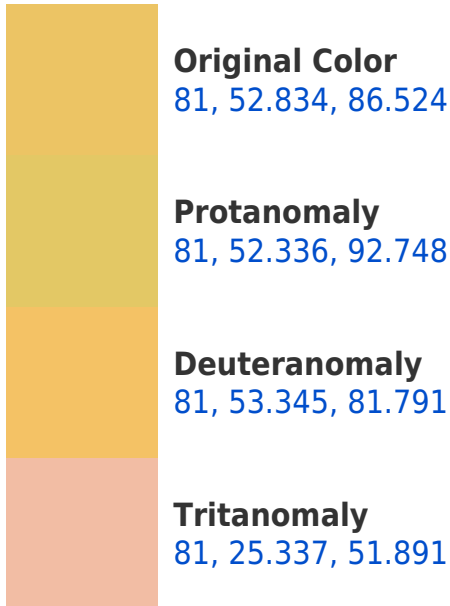
Dichromacy





Tritanopia
81, 23.854, 2.148

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 52.834, 86.524 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(236, 196, 100)` looks like.

```
.text, #text, p{  
    color:rgb(236, 196, 100)  
}
```

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(236, 196, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 196, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 52.834, 86.524 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(236, 196, 100) }
```

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

```
.border{ border-color:rgb(236, 196, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 196, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 196, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 196, 100);  
box-shadow:4px 4px 4px 4px rgb(236, 196,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 52.834, 86.524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 196, 100) }
```

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

```
.background{ background-color: rgb(236,  
196, 100) }
```

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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