

Converting Colors

CIELCh(81, 59.395, 92.353)

Have a look what the booklet for
CIELCh(81, 59.395, 92.353) contains.

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Color

CIELCh(81, 59.691, 92.691)

Conversions

Conversions Part 1

Format	Color
Hex	E5C855
RGB	229, 200, 85
RGB Percent	90%, 78%, 33%
CMY	0.1029, 0.2166, 0.6675
CMYK	0.00, 0.13, 0.63, 0.10
HSL	48°, 73%, 61%
HSV	48°, 63%, 90%
XYZ	54.4650, 58.4711, 16.9630
YIQ	195.5610, 54.1990, -29.6170

Conversions

Conversions Part 2

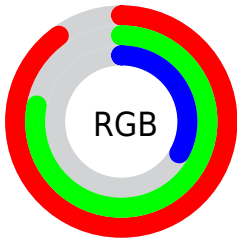
Format	Color
R_{YB}	121, 229, 85
Decimal	15059029
CIE _{Lab}	81.00, -2.80, 59.63
CIE _{LCh}	81, 59.691, 92.691
Yxy	58.4711, 0.4193, 0.4501
Android (android.graphics.Color)	4293249109 (0xFFE5C855)
YUV	195.5610, -54.5066, 29.3260
Hunter-Lab	76.4664, -6.6754, 40.3738

Details

The CIELCh color **81, 59.691, 92.691** 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 **51, 66.615, 292.131**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 57.233, 105.797**, and **61, 59.677, 92.608** is the 20% darker color. If you saturate the color by 10%, you get **80, 67.502, 91.407**, and if you desaturate by 10%, it is **82, 50.868, 93.959**.

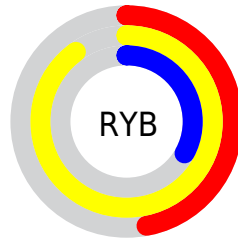
Distribution



Red (90%)

Green (78%)

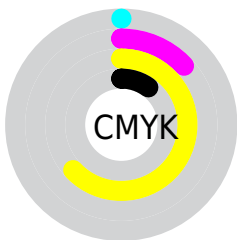
Blue (33%)



Red (47%)

Yellow (90%)

Blue (33%)

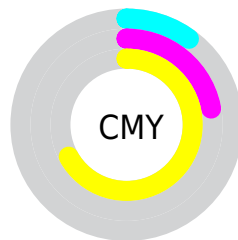


Cyan (0%)

Magenta (13%)

Yellow (63%)

Black (10%)



Cyan (10%)

Magenta (22%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 59.691, 92.691 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, 59.691, 92.691 by changing the saturation by 10% instead.

■ 81, 59.691, 92.691

■ 81, 59.691, 92.691

■ 100, 59.691,
92.691

■ 71, 59.691, 92.691

■ 61, 59.691, 92.691

■ 51, 59.691, 92.691

■ 41, 59.691, 92.691

■ 31, 59.691, 92.691

■ 21, 59.691, 92.691

■ 11, 59.691, 92.691

■ 1, 59.691, 92.691

■ 0, 59.691, 92.691

81, 59.691, 92.691

81, 59.691, 92.691

80, 67.502, 91.407

82, 50.868, 93.959

78, 73.629, 90.070

84, 41.499, 95.210

77, 77.334, 88.626

85, 31.875, 96.444

76, 78.574, 87.523

87, 22.162, 97.656

89, 12.456, 98.834

90, 2.809, 99.936

92, 6.753, 281.133

94, 9.802, 275.126

95, 8.183, 259.559

Harmonies

Complementary

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



81, 59.691, 92.691



51, 66.615, 292.131

Rectangle

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



81, 59.691, 92.691



81, 59.691, 142.691



81, 59.691, 272.691



81, 59.691, 322.691

Sweetspot

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



81, 59.691, 92.694



96, 20.025, 98.111



56, 59.523, 12.382



51, 13.794, 97.769



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, 59.691, 92.694



87, 75.871, 90.945



86, 72.005, 117.795



47, 5.473, 99.234



61, 65.363, 87.808



17, 24.405, 90.510

Inverse Universe

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



51, 66.615, 292.131



49, 89.782, 296.099



48, 83.888, 306.406



45, 5.536, 281.483



25, 89.240, 302.334



4, 29.027, 292.398

Previews

White Background



This preview shows how the CIELCh color 81, 59.691, 92.691 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, 59.691, 92.691 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, 59.691, 92.691

Background



This preview shows how black text looks on a background with the CIELCh color 81, 59.691, 92.691.

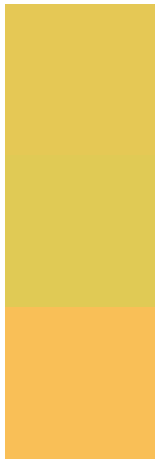


This preview shows how white text looks on a background with the CIELCh color 81, 59.691, 92.691.

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, 59.691, 92.691

Protanopia

81, 59.862, 95.674

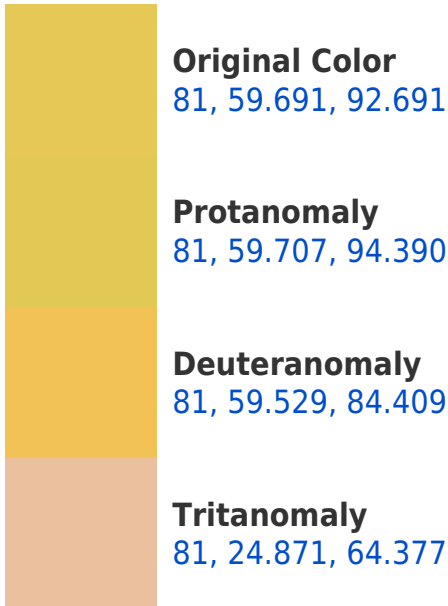
Deuteranopia

81, 59.875, 80.061



Tritanopia
81, 20.427, 359.967

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 59.691, 92.691 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(229, 200, 85)` looks like.

```
.text, #text, p{  
    color:rgb(229, 200, 85)  
}
```

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(229, 200, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 200, 85) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 59.691, 92.691 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(229, 200, 85) }
```

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

```
.border{ border-color:rgb(229, 200, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 200, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 200, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 200, 85);  
box-shadow:4px 4px 4px 4px rgb(229, 200,  
85) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 59.691, 92.691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 200, 85) }
```

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

```
.background{ background-color: rgb(229,  
200, 85) }
```

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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