

Converting Colors

CIELCh(81, 56.737, 92.260)

Have a look what the booklet for
CIELCh(81, 56.737, 92.260) contains.

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Color

CIELCh(81, 57.077, 92.419)

Conversions

Conversions Part 1

Format	Color
Hex	E5C85B
RGB	229, 200, 91
RGB Percent	90%, 78%, 36%
CMY	0.1036, 0.2172, 0.6446
CMYK	0.00, 0.13, 0.60, 0.10
HSL	47°, 72%, 63%
HSV	47°, 60%, 90%
XYZ	54.6199, 58.4711, 18.2220
YIQ	196.2450, 52.2730, -27.7510

Conversions

Conversions Part 2

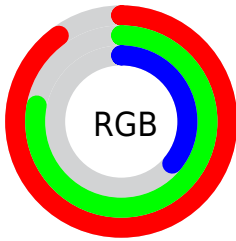
Format	Color
RYB	128, 229, 91
Decimal	15059035
CIELab	81.00, -2.41, 57.03
CIElCh	81, 57.077, 92.419
Yxy	58.4711, 0.4160, 0.4453
Android (android.graphics.Color)	4293249115 (0xFFE5C85B)
YUV	196.2450, -51.8858, 28.7261
Hunter-Lab	76.4664, -6.3137, 39.3977

Details

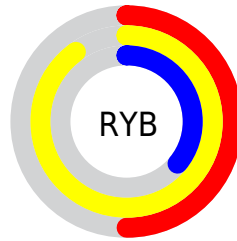
The CIELCh color **81, 57.077, 92.419** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **53, 62.819, 290.959**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 54.455, 106.010**, and **61, 56.853, 92.421** is the 20% darker color. If you saturate the color by 10%, you get **80, 65.199, 91.118**, and if you desaturate by 10%, it is **82, 48.107, 93.701**.

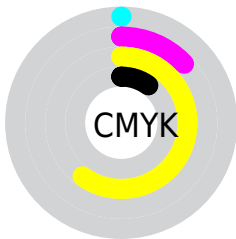
Distribution



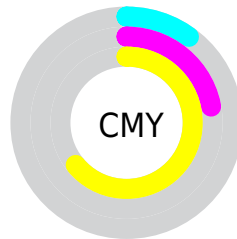
- Red (90%)
- Green (78%)
- Blue (36%)



- Red (50%)
- Yellow (90%)
- Blue (36%)



- Cyan (0%)
- Magenta (13%)
- Yellow (60%)
- Black (10%)



- Cyan (10%)
- Magenta (22%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 57.077, 92.419 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, 57.077, 92.419 by changing the saturation by 10% instead.



81, 57.077, 92.419

81, 57.077, 92.419

80, 65.199, 91.118

82, 48.107, 93.701

78, 71.850, 89.765

84, 38.701, 94.962

77, 76.272, 88.307

86, 29.106, 96.204

76, 78.238, 86.751

87, 19.465, 97.418

89, 9.856, 98.594

91, 0.321, 99.200

93, 9.118, 280.885

94, 9.255, 270.609

95, 7.828, 252.490

Harmonies

Complementary

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



81, 57.077, 92.419



53, 62.819, 290.959

Rectangle

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



81, 57.077, 92.419



81, 57.077, 142.419



81, 57.077, 272.419



81, 57.077, 322.419

Sweetspot

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



81, 57.077, 92.422



97, 18.798, 97.685



57, 57.145, 11.617



51, 13.077, 97.335



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, 57.077, 92.422



88, 72.483, 90.842



86, 69.473, 117.867



47, 5.423, 98.697



60, 65.117, 87.049



17, 24.224, 89.805

Inverse Universe

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



53, 62.819, 290.959



52, 83.559, 294.460



49, 80.289, 306.157



45, 5.482, 280.962



26, 88.382, 302.040



4, 28.825, 292.171

Previews

White Background



This preview shows how the CIELCh color 81, 57.077, 92.419 looks on a white background.

Color Contrast Check

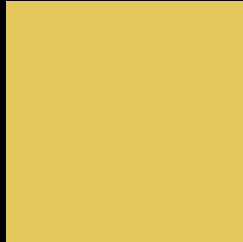
Large Text (above 18pt) WCAG AA × Fail

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, 57.077, 92.419 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, 57.077, 92.419

Background



This preview shows how black text looks on a background with the CIELCh color 81, 57.077, 92.419.

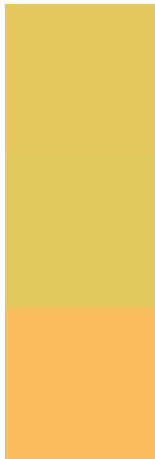


This preview shows how white text looks on a background with the CIELCh color 81, 57.077, 92.419.

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, 57.077, 92.419

Protanopia

81, 57.164, 95.956

Deuteranopia

81, 57.324, 79.240



Tritanopia
81, 20.074, 359.534

Trichromacy



Original Color
81, 57.077, 92.419

Protanomaly
81, 56.997, 94.616

Deuteranomaly
81, 56.944, 83.774

Tritanomaly
81, 23.690, 61.966

Monochromacy



Original Color
81, 57.077, 92.419

Achromatopsia
79, 0.010, 296.813

Achromatomaly
80, 21.113, 96.342

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 57.077, 92.419 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, 91)` looks like.

```
.text, #text, p{  
    color:rgb(229, 200, 91)  
}
```

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, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 200, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 57.077, 92.419 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, 91) }
```

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

```
.border{ border-color:rgb(229, 200, 91) }
```

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, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 200, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 200, 91);  
box-shadow:4px 4px 4px 4px rgb(229, 200,  
91) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 57.077, 92.419 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, 91) }
```

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

```
.background{ background-color: rgb(229,  
200, 91) }
```

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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