

Converting Colors

CIELCh(83, 52.562, 95.334)

Have a look what the booklet for
CIELCh(83, 52.562, 95.334) contains.

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Color

CIELCh(83, 52.562, 95.334)

Conversions

Conversions Part 1

Format	Color
Hex	E5CF6A
RGB	229, 207, 106
RGB Percent	90%, 81%, 42%
CMY	0.1030, 0.1891, 0.5852
CMYK	0.00, 0.10, 0.54, 0.10
HSL	49°, 70%, 66%
HSV	49°, 54%, 90%
XYZ	57.0775, 62.1629, 22.5649
YIQ	202.0640, 45.5330, -26.7470

Conversions

Conversions Part 2

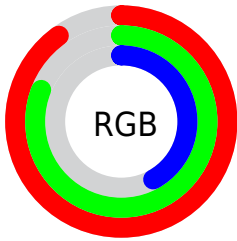
Format	Color
RYB	133, 229, 106
Decimal	15060842
CIELab	83.00, -4.89, 52.33
CIELCh	83, 52.562, 95.334
Yxy	62.1629, 0.4025, 0.4384
Android (android.graphics.Color)	4293250922 (0xFFE5CF6A)
YUV	202.0640, -47.3596, 23.6229
Hunter-Lab	78.8435, -8.7538, 38.2217

Details

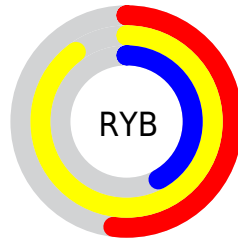
The CIELCh color **83, 52.562, 95.334** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **56, 57.657, 290.861**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 47.360, 106.557**, and **63, 52.531, 95.369** is the 20% darker color. If you saturate the color by 10%, you get **82, 61.379, 94.124**, and if you desaturate by 10%, it is **84, 43.120, 96.548**.

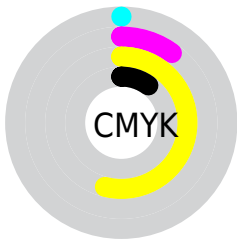
Distribution



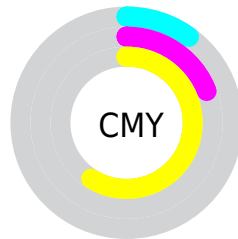
- Red (90%)
- Green (81%)
- Blue (42%)



- Red (52%)
- Yellow (90%)
- Blue (42%)



- Cyan (0%)
- Magenta (10%)
- Yellow (54%)
- Black (10%)



- Cyan (10%)
- Magenta (19%)
- Yellow (59%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 52.562, 95.334 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 83, 52.562, 95.334 by changing the saturation by 10% instead.

 83, 52.562, 95.334

 83, 52.562, 95.334

 100, 52.562,
95.334

 73, 52.562, 95.334

 63, 52.562, 95.334

 53, 52.562, 95.334

 43, 52.562, 95.334

 33, 52.562, 95.334

 23, 52.562, 95.334

 13, 52.562, 95.334

 3, 52.562, 95.334

 0, 52.562, 95.334

83, 52.562, 95.334

83, 52.562, 95.334

82, 61.379, 94.124

84, 43.120, 96.548

81, 69.077, 92.906

86, 33.362, 97.750

79, 74.979, 91.663

87, 23.473, 98.935

78, 78.392, 90.352

89, 13.560,
100.093

78, 79.412, 89.489

90, 3.684, 101.193

92, 6.123, 282.355

93, 10.325,
278.357

94, 8.713, 266.062

95, 7.655, 249.464

Harmonies

Complementary

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



83, 52.562, 95.334



56, 57.657, 290.861

Rectangle

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



83, 52.562, 95.334



83, 52.562, 145.334



83, 52.562, 275.334



83, 52.562, 325.334

Sweetspot

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



83, 52.563, 95.337



97, 17.236, 99.826



60, 51.014, 12.424



52, 11.643, 99.587



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



83, 52.563, 95.337



90, 68.097, 93.926



86, 63.233, 119.517



47, 5.604, 100.579



62, 66.060, 89.734



17, 24.891, 92.277

Inverse Universe

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



56, 57.657, 290.861



55, 77.736, 293.935



54, 71.205, 306.443



45, 5.677, 282.785



25, 91.364, 303.040



4, 29.537, 292.956

Previews

White Background



This preview shows how the CIELCh color 83, 52.562, 95.334 looks on a white background.

Color Contrast Check

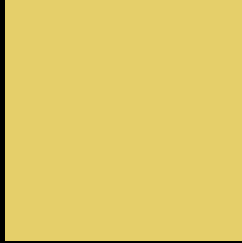
Large Text (above 18pt) WCAG AA × Fail

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 83, 52.562, 95.334 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 83, 52.562, 95.334

Background



This preview shows how black text looks on a background with the CIELCh color 83, 52.562, 95.334.



This preview shows how white text looks on a background with the CIELCh color 83, 52.562, 95.334.

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

83, 52.562, 95.334

Protanopia

83, 52.478, 95.791

Deuteranopia

83, 52.901, 78.376



Tritanopia
83, 18.062, 355.009

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 52.562, 95.334 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, 207, 106)` looks like.

```
.text, #text, p{  
    color:rgb(229, 207, 106)  
}
```

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, 207, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 207, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 52.562, 95.334 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, 207, 106) }
```

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

```
.border{ border-color:rgb(229, 207, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 207, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 207, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 207, 106);  
box-shadow:4px 4px 4px 4px rgb(229, 207,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 52.562, 95.334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 207, 106) }
```

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

```
.background{ background-color: rgb(229,  
207, 106) }
```

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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