

Converting Colors

CIELCh(83, 59.439, 134.233)

Have a look what the booklet for
CIELCh(83, 59.439, 134.233)
contains.

CIELCh(83, 59.003, 134.401)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(83, 59.003, 134.401)

Conversions

Conversions Part 1

Format	Color
Hex	97E17C
RGB	151, 225, 124
RGB Percent	59%, 88%, 49%
CMY	0.4062, 0.1160, 0.5122
CMYK	0.33, 0.00, 0.45, 0.12
HSL	104°, 63%, 69%
HSV	104°, 45%, 88%
XYZ	43.5414, 62.1629, 28.9020
YIQ	191.3600, -11.6830, -47.0990

Conversions

Conversions Part 2

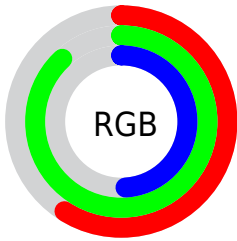
Format	Color
RYB	124, 225, 198
Decimal	9953660
CIELab	83.00, -41.28, 42.16
CIElCh	83, 59.003, 134.401
Yxy	62.1629, 0.3235, 0.4618
Android (android.graphics.Color)	4288143740 (0xFF97E17C)
YUV	191.3600, -33.2085, -35.3957
Hunter-Lab	78.8435, -39.3992, 33.4563

Details

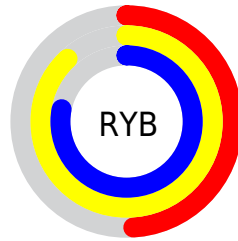
The CIELCh color **83, 59.003, 134.401** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **63, 60.680, 318.653**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 42.740, 131.433**, and **63, 58.756, 134.506** is the 20% darker color. If you saturate the color by 10%, you get **82, 71.204, 133.824**, and if you desaturate by 10%, it is **84, 46.165, 134.996**.

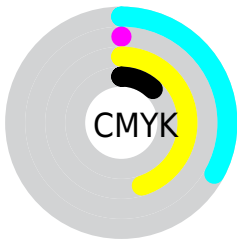
Distribution



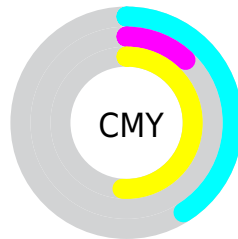
- Red (59%)
- Green (88%)
- Blue (49%)



- Red (49%)
- Yellow (88%)
- Blue (78%)



- Cyan (33%)
- Magenta (0%)
- Yellow (45%)
- Black (12%)



- Cyan (41%)
- Magenta (12%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 59.003, 134.401 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, 59.003, 134.401 by changing the saturation by 10% instead.

■ 83, 59.003,
134.401

■ 83, 59.003,
134.401

■ 100, 59.003,
134.401

■ 73, 59.003,
134.401

■ 63, 59.003,
134.401

■ 53, 59.003,
134.401

■ 43, 59.003,
134.401

■ 33, 59.003,
134.401

■ 23, 59.003,
134.401

■ 13, 59.003,

134.401

■ 3, 59.003, 134.401

■ 0, 59.003, 134.401

■ 83, 59.003,
134.401

■ 83, 59.003,
134.401

■ 82, 71.204,
133.824

■ 84, 46.165,
134.996

■ 81, 82.362,
133.335

■ 86, 32.979,
135.566

■ 80, 91.961,
133.042

■ 87, 19.659,
136.093

■ 80, 99.421,
133.076

■ 89, 6.359, 136.583

■ 79, 104.317,

■ 91, 6.813, 316.931

133.535

92, 17.674,
320.742

79, 106.052,
133.860

93, 18.495,
325.067

Harmonies

Complementary

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



83, 59.003, 134.401



63, 60.680, 318.653

Rectangle

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



83, 59.003, 134.401



83, 59.003, 184.401



83, 59.003, 314.401



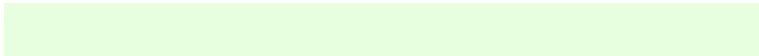
83, 59.003, 4.401

Sweetspot

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



83, 59.004, 134.402



98, 19.047, 136.179



80, 39.951, 89.173



52, 13.339, 136.068



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, 59.004, 134.402



92, 77.574, 133.849



82, 54.974, 147.215



46, 7.488, 136.357



63, 87.914, 133.669



17, 32.992, 134.524

Inverse Universe

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



63, 60.680, 318.653



66, 80.102, 318.971



66, 55.080, 334.160



44, 7.542, 317.139



34, 90.112, 318.444



5, 35.046, 318.976

Previews

White Background



This preview shows how the CIELCh color 83, 59.003, 134.401 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, 59.003, 134.401 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, 59.003, 134.401

Background



This preview shows how black text looks on a background with the CIELCh color 83, 59.003, 134.401.

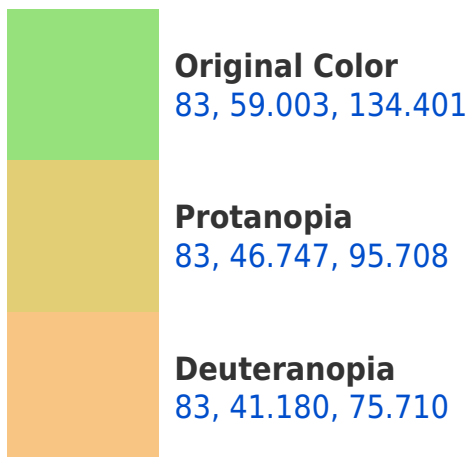


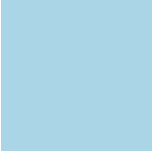
This preview shows how white text looks on a background with the CIELCh color 83, 59.003, 134.401.

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



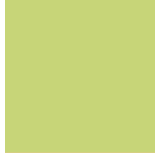


Tritanopia
83, 16.769, 231.185

Trichromacy



Original Color
83, 59.003, 134.401



Protanomaly
82, 47.995, 112.860



Deuteranomaly
82, 40.527, 103.067

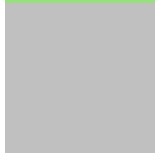


Tritanomaly
83, 24.022, 162.829

Monochromacy



Original Color
83, 59.003, 134.401



Achromatopsia
78, 0.009, 296.813



Achromatomaly
79, 22.187, 135.843

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 59.003, 134.401 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(151, 225, 124)` looks like.

```
.text, #text, p{  
    color:rgb(151, 225, 124)  
}
```

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(151, 225, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 225, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 59.003, 134.401 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(151, 225, 124) }
```

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

```
.border{ border-color:rgb(151, 225, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 225, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 225, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 225, 124);  
box-shadow:4px 4px 4px 4px rgb(151, 225,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 59.003, 134.401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 225, 124) }
```

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

```
.background{ background-color: rgb(151,  
225, 124) }
```

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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