

Converting Colors

CIELCh(89, 59.761, 141.143)

Have a look what the booklet for
CIELCh(89, 59.761, 141.143)
contains.

CIELCh(89, 59.820, 140.998)	3
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Color

CIELCh(89, 59.820, 140.998)

Conversions

Conversions Part 1

Format	Color
Hex	97F595
RGB	151, 245, 149
RGB Percent	59%, 96%, 58%
CMY	0.4073, 0.0386, 0.4151
CMYK	0.38, 0.00, 0.39, 0.04
HSL	119°, 83%, 77%
HSV	119°, 39%, 96%
XYZ	50.9241, 74.1641, 40.1235
YIQ	205.9500, -25.2080, -49.7840

Conversions

Conversions Part 2

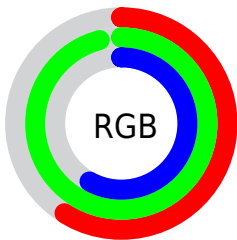
Format	Color
RYB	149, 245, 243
Decimal	9958805
CIELab	89.00, -46.49, 37.65
CIELCh	89, 59.820, 140.998
Yxy	74.1641, 0.3082, 0.4489
Android (android.graphics.Color)	4288148885 (0xFF97F595)
YUV	205.9500, -28.0763, -48.1911
Hunter-Lab	86.1186, -45.1561, 32.6592

Details

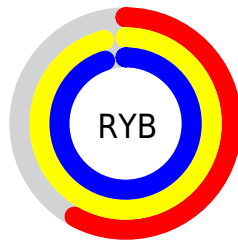
The CIELCh color **89, 59.820, 140.998** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **74, 59.800, 325.937**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 31.154, 141.158**, and **69, 59.662, 140.996** is the 20% darker color. If you saturate the color by 10%, you get **88, 74.089, 139.986**, and if you desaturate by 10%, it is **91, 44.819, 141.904**.

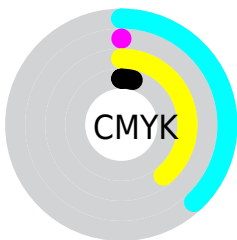
Distribution



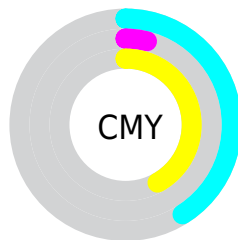
- Red (59%)
- Green (96%)
- Blue (58%)



- Red (58%)
- Yellow (96%)
- Blue (95%)



- Cyan (38%)
- Magenta (0%)
- Yellow (39%)
- Black (4%)



- Cyan (41%)
- Magenta (4%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 59.820, 140.998 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 89, 59.820, 140.998 by changing the saturation by 10% instead.

■ 89, 59.820,
140.998

■ 89, 59.820,
140.998

■ 100, 59.820,
140.998

■ 79, 59.820,
140.998

■ 69, 59.820,
140.998

■ 59, 59.820,
140.998

■ 49, 59.820,
140.998

■ 39, 59.820,
140.998


■ 29, 59.820,
140.998


■ 19, 59.820,

140.998

 9, 59.820, 140.998


 0, 59.820, 140.998


 89, 59.820,
140.998


 89, 59.820,
140.998


 88, 74.089,
139.986


 91, 44.819,
141.904

 87, 87.147,
138.907


 92, 29.455,
142.695

 86, 98.422,
137.841

 94, 14.019,
143.379


 85, 107.274,
136.917


 97, 1.279, 323.699

 85, 113.140,

 98, 6.130, 324.605

136.281

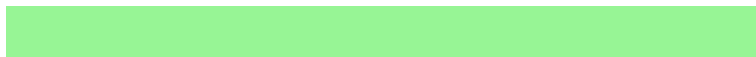
 85, 115.988,
135.979

 85, 116.162,
135.955

Harmonies

Complementary

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



89, 59.820, 140.998



74, 59.800, 325.937

Rectangle

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



89, 59.820, 140.998



89, 59.820, 190.998



89, 59.820, 320.998



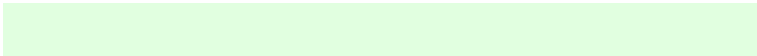
89, 59.820, 10.998

Sweetspot

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



89, 59.821, 140.998



97, 18.987, 143.193



94, 46.702, 104.893



52, 12.603, 143.105



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



89, 59.821, 140.998



91, 73.379, 140.203



90, 42.467, 158.079



50, 8.686, 143.359



66, 94.440, 135.930



20, 40.915, 137.085

Inverse Universe

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



74, 59.800, 325.937



73, 73.193, 326.303



73, 44.143, 345.646



48, 8.702, 324.376



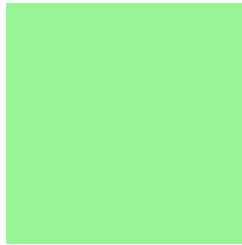
44, 91.312, 327.408



11, 40.593, 327.516

Previews

White Background



This preview shows how the CIELCh color 89, 59.820, 140.998 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 89, 59.820, 140.998 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 89, 59.820, 140.998

Background



This preview shows how black text looks on a background with the CIELCh color 89, 59.820, 140.998.

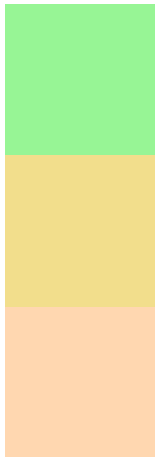


This preview shows how white text looks on a background with the CIELCh color 89, 59.820, 140.998.

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
89, 59.820, 140.998

Protanopia
88, 42.844, 95.626

Deuteranopia
88, 25.886, 70.867

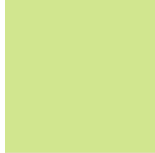


Tritanopia
89, 21.600, 225.764

Trichromacy



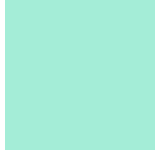
Original Color
89, 59.820, 140.998



Protanomaly
88, 45.060, 117.166



Deuteranomaly
88, 31.101, 114.067

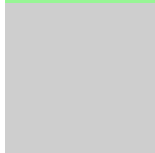


Tritanomaly
89, 27.420, 172.794

Monochromacy



Original Color
89, 59.820, 140.998



Achromatopsia
83, 0.010, 296.813



Achromatomaly
85, 22.316, 142.739

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 59.820, 140.998 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, 245, 149)` looks like.

```
.text, #text, p{  
    color:rgb(151, 245, 149)  
}
```

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, 245, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 245, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 59.820, 140.998 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, 245, 149) }
```

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

```
.border{ border-color:rgb(151, 245, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 245, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 245, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 245, 149);  
box-shadow:4px 4px 4px 4px rgb(151, 245,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 59.820, 140.998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 245, 149) }
```

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

```
.background{ background-color: rgb(151,  
245, 149) }
```

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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