

Converting Colors

CIELCh(100, 73.466, 136.703)

Have a look what the booklet for
CIELCh(100, 73.466, 136.703)
contains.

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Color

CIELCh(93, 59.783, 135.889)

Conversions

Conversions Part 1

Format	Color
Hex	AFFF98
RGB	175, 255, 152
RGB Percent	69%, 100%, 60%
CMY	0.3134, 0.0000, 0.4036
CMYK	0.31, 0.00, 0.40, 0.00
HSL	107°, 100%, 80%
HSV	107°, 40%, 100%
XYZ	59.1587, 82.9670, 42.6356
YIQ	219.3380, -14.6170, -48.9930

Conversions

Conversions Part 2

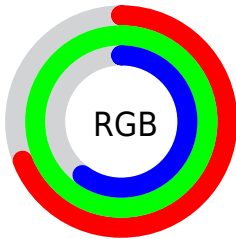
Format	Color
RYB	152, 255, 232
Decimal	11534232
CIELab	93.00, -42.92, 41.61
CIELCh	93, 59.783, 135.889
Yxy	82.9670, 0.3202, 0.4490
Android (android.graphics.Color)	4289724312 (0xFFAFF98)
YUV	219.3380, -33.1976, -38.8844
Hunter-Lab	91.0862, -43.4687, 36.0079

Details

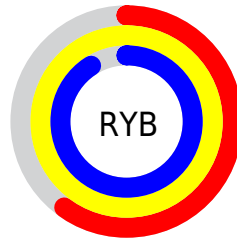
The CIELCh color **93, 59.783, 135.889** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **74, 60.953, 319.861**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 25.669, 126.710**, and **73, 60.082, 135.858** is the 20% darker color. If you saturate the color by 10%, you get **92, 73.720, 135.232**, and if you desaturate by 10%, it is **94, 45.157, 136.522**.

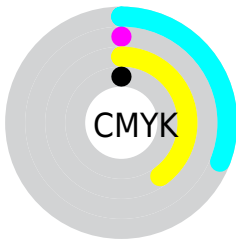
Distribution



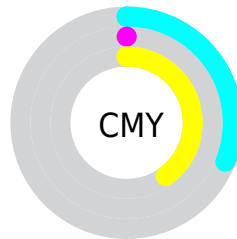
- Red (69%)
- Green (100%)
- Blue (60%)



- Red (60%)
- Yellow (100%)
- Blue (91%)



- Cyan (31%)
- Magenta (0%)
- Yellow (40%)
- Black (0%)



- Cyan (31%)
- Magenta (0%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 59.783, 135.889 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 93, 59.783, 135.889 by changing the saturation by 10% instead.

■ 93, 59.783,
135.889

■ 93, 59.783,
135.889

■ 100, 59.783,
135.889

■ 83, 59.783,
135.889

■ 73, 59.783,
135.889

■ 63, 59.783,
135.889

■ 53, 59.783,
135.889

■ 43, 59.783,
135.889

■ 33, 59.783,
135.889

■ 23, 59.783,

135.889

■ 13, 59.783,
135.889

■ 3, 59.783, 135.889

■ 93, 59.783,
135.889

■ 93, 59.783,
135.889

■ 92, 73.720,
135.232

■ 94, 45.157,
136.522

■ 91, 86.704,
134.616

■ 96, 30.293,
137.110

■ 90, 98.144,
134.132

■ 98, 15.361,
137.643

■ 89, 107.390,
133.908

■ 100, 0.521,
138.555

■ 89, 113.853,
134.067

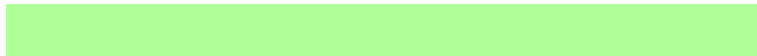
100, 0.012,
296.813

■ 88, 117.449,
134.554

Harmonies

Complementary

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



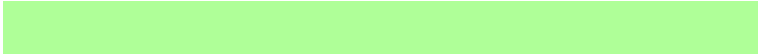
93, 59.783, 135.889



74, 60.953, 319.861

Rectangle

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



93, 59.783, 135.889



93, 59.783, 185.889



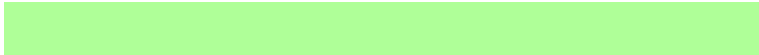
93, 59.783, 315.889



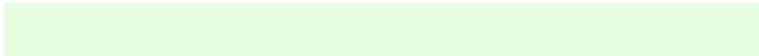
93, 59.783, 5.889

Sweetspot

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



93, 59.734, 135.886



98, 17.807, 137.559



92, 41.440, 93.353



52, 11.818, 137.492



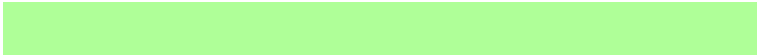
0, 0.000, 0.000



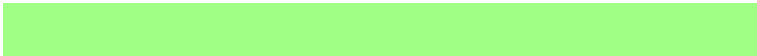
53, 0.007, 296.813

Same Dimension

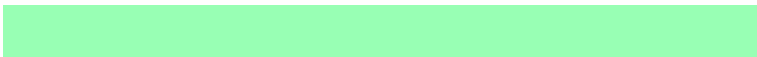
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 59.734, 135.886



92, 70.492, 135.385



92, 52.910, 149.454



52, 8.426, 137.686



68, 94.387, 134.382



23, 42.048, 133.573

Inverse Universe

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



74, 60.953, 319.861



70, 72.108, 320.146



76, 53.314, 335.899



50, 8.478, 318.503



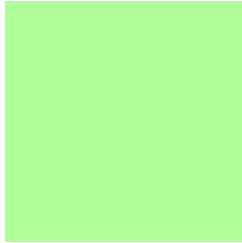
38, 95.202, 319.870



9, 43.620, 320.806

Previews

White Background



This preview shows how the CIELCh color 93, 59.783, 135.889 looks on a white background.

Color Contrast Check

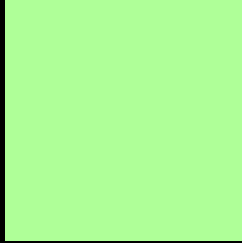
Large Text (above 18pt) WCAG AA × Fail

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 93, 59.783, 135.889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

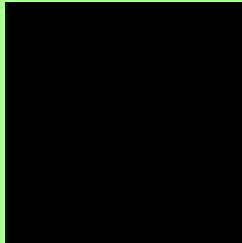
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 59.783, 135.889

Background



This preview shows how black text looks on a background with the CIELCh color 93, 59.783, 135.889.

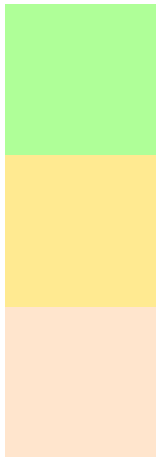


This preview shows how white text looks on a background with the CIELCh color 93, 59.783, 135.889.

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
93, 59.783, 135.889

Protanopia
93, 45.938, 95.821

Deuteranopia
92, 15.818, 70.819

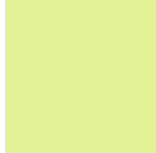


Tritanopia
93, 13.991, 232.561

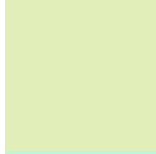
Trichromacy



Original Color
93, 59.783, 135.889



Protanomaly
92, 47.714, 114.036

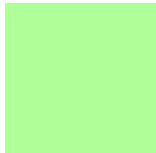


Deuteranomaly
92, 27.000, 117.750

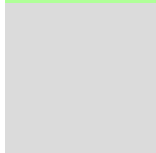


Tritanomaly
92, 23.068, 160.772

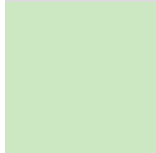
Monochromacy



Original Color
93, 59.783, 135.889



Achromatopsia
87, 0.010, 296.813



Achromatomaly
89, 22.002, 137.572

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 59.783, 135.889 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(175, 255, 152)` looks like.

```
.text, #text, p{  
    color:rgb(175, 255, 152)  
}
```

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(175, 255, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 255, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 59.783, 135.889 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(175, 255, 152) }
```

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

```
.border{ border-color:rgb(175, 255, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 255, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 255, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 255, 152);  
box-shadow:4px 4px 4px 4px rgb(175, 255,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 59.783, 135.889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 255, 152) }
```

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

```
.background{ background-color: rgb(175,  
255, 152) }
```

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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