

Converting Colors

CIELCh(93, 37.524, 169.089)

Have a look what the booklet for
CIELCh(93, 37.524, 169.089)
contains.

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Color

CIELCh(93, 37.515, 169.126)

Conversions

Conversions Part 1

Format	Color
Hex	9AFEDC
RGB	154, 254, 220
RGB Percent	60%, 100%, 86%
CMY	0.3958, 0.0037, 0.1370
CMYK	0.39, 0.00, 0.13, 0.00
HSL	160°, 98%, 80%
HSV	160°, 39%, 100%
XYZ	61.7235, 82.9670, 80.5106
YIQ	220.2240, -48.6860, -31.7740

Conversions

Conversions Part 2

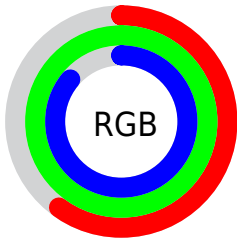
Format	Color
RYB	154, 214, 254
Decimal	10157788
CIELab	93.00, -36.84, 7.08
CIELCh	93, 37.515, 169.126
Yxy	82.9670, 0.2741, 0.3684
Android (android.graphics.Color)	4288347868 (0xFF9AFEDC)
YUV	220.2240, -0.1104, -58.0784
Hunter-Lab	91.0862, -38.4425, 11.3543

Details

The CIELCh color **93, 37.515, 169.126** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **75, 41.526, 357.938**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 14.367, 198.548**, and **73, 37.678, 169.072** is the 20% darker color. If you saturate the color by 10%, you get **92, 45.905, 167.800**, and if you desaturate by 10%, it is **94, 28.502, 170.321**.

Distribution



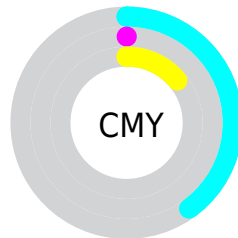
- Red (60%)
- Green (100%)
- Blue (86%)



- Red (60%)
- Yellow (84%)
- Blue (100%)



- Cyan (39%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)





- Cyan (40%)
- Magenta (0%)
- Yellow (14%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 37.515, 169.126 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, 37.515, 169.126 by changing the saturation by 10% instead.


 93, 37.515,
169.126


 93, 37.515,
169.126


 100, 37.515,
169.126


 83, 37.515,
169.126

 73, 37.515,
169.126

 63, 37.515,
169.126

 53, 37.515,
169.126

 43, 37.515,
169.126

 33, 37.515,
169.126

 23, 37.515,

169.126

■ 13, 37.515,
169.126

■ 3, 37.515, 169.126

■ 93, 37.515,
169.126

■ 93, 37.515,
169.126

■ 92, 45.905,
167.800

■ 94, 28.502,
170.321

■ 91, 53.507,
166.321

■ 96, 19.034,
171.414

■ 90, 60.188,
164.662

■ 98, 9.273, 172.440

■ 89, 65.870,
162.801

100, 0.442,
338.172

100, 0.591,

■ 89, 70.559,
160.728

323.938

■ 89, 74.412,
158.484

■ 89, 74.648,
158.343

Harmonies

Complementary

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



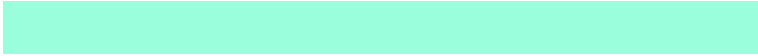
93, 37.515, 169.126



75, 41.526, 357.938

Rectangle

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



93, 37.515, 169.126



93, 37.515, 219.126



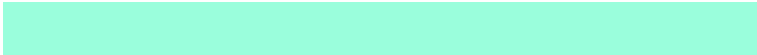
93, 37.515, 349.126



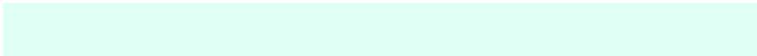
93, 37.515, 39.126

Sweetspot

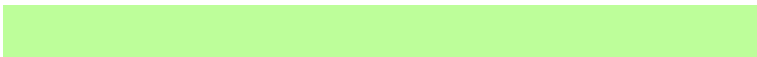
The Sweet Spot groups the original color and five complimentary colors.



93, 37.516, 169.125



98, 11.903, 172.172



93, 55.940, 132.230



52, 7.889, 172.039



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

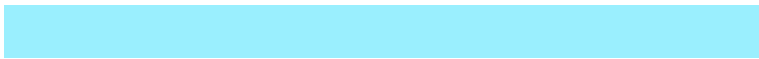
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 37.516, 169.125



92, 44.119, 168.125



90, 26.810, 214.914



52, 5.648, 172.425



69, 59.862, 158.762



23, 26.170, 161.866

Inverse Universe

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



75, 41.526, 357.938



71, 49.766, 359.283



77, 36.000, 34.882



50, 5.785, 354.092



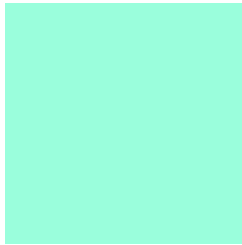
40, 69.478, 17.564



10, 31.330, 9.785

Previews

White Background



This preview shows how the CIE LCh color 93, 37.515, 169.126 looks on a white background.

Color Contrast Check

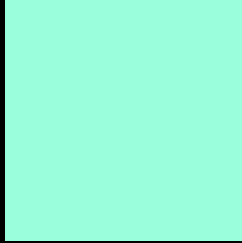
Large Text (above 18pt) WCAG AA × Fail

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, 37.515, 169.126 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

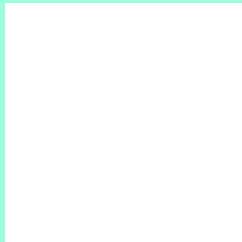
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 37.515, 169.126

Background



This preview shows how black text looks on a background with the CIELCh color 93, 37.515, 169.126.

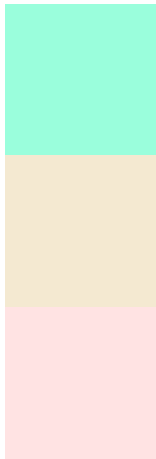


This preview shows how white text looks on a background with the CIELCh color 93, 37.515, 169.126.

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, 37.515, 169.126

Protanopia
93, 12.993, 90.807

Deuteranopia
92, 10.207, 20.062

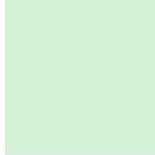


Tritanopia
93, 16.542, 222.617

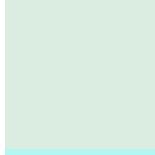
Trichromacy



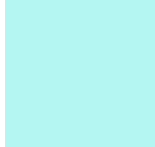
Original Color
93, 37.515, 169.126



Protanomaly
92, 18.101, 145.527



Deuteranomaly
92, 9.583, 154.402

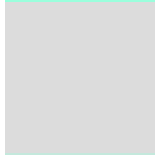


Tritanomaly
93, 21.801, 192.548

Monochromacy



Original Color
93, 37.515, 169.126



Achromatopsia
88, 0.010, 296.813



Achromatomaly
89, 14.159, 172.265

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 37.515, 169.126 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(154, 254, 220)` looks like.

```
.text, #text, p{  
    color:rgb(154, 254, 220)  
}
```

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(154, 254, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 254, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 37.515, 169.126 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(154, 254, 220) }
```

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

```
.border{ border-color:rgb(154, 254, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 254, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 254, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 254, 220);  
box-shadow:4px 4px 4px 4px rgb(154, 254,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 37.515, 169.126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 254, 220) }
```

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

```
.background{ background-color: rgb(154,  
254, 220) }
```

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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