

Converting Colors

CIELCh(95, 44.769, 155.128)

Have a look what the booklet for
CIELCh(95, 44.769, 155.128)
contains.

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Color

CIELCh(93, 41.355, 156.665)

Conversions

Conversions Part 1

Format	Color
Hex	A3FECA
RGB	163, 254, 202
RGB Percent	64%, 100%, 79%
CMY	0.3605, 0.0038, 0.2075
CMYK	0.36, 0.00, 0.20, 0.00
HSL	146°, 98%, 82%
HSV	146°, 36%, 100%
XYZ	61.2411, 82.9670, 68.7136
YIQ	220.8630, -37.5440, -35.4640

Conversions

Conversions Part 2

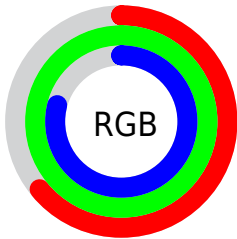
Format	Color
RYB	163, 227, 254
Decimal	10747594
CIELab	93.00, -37.97, 16.38
CIELCh	93, 41.355, 156.665
Yxy	82.9670, 0.2876, 0.3897
Android (android.graphics.Color)	4288937674 (0xFFA3FECA)
YUV	220.8630, -9.2995, -50.7459
Hunter-Lab	91.0862, -39.3879, 19.0332

Details

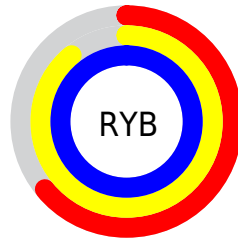
The CIELCh color **93, 41.355, 156.665** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **77, 42.574, 343.202**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 11.803, 198.717**, and **73, 41.518, 156.783** is the 20% darker color. If you saturate the color by 10%, you get **92, 52.260, 155.419**, and if you desaturate by 10%, it is **95, 30.011, 157.758**.

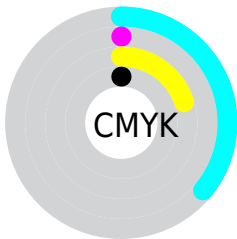
Distribution



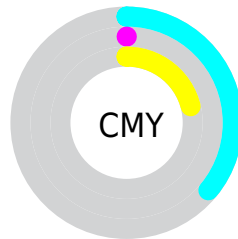
- Red (64%)
- Green (100%)
- Blue (79%)



- Red (64%)
- Yellow (89%)
- Blue (100%)



- Cyan (36%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)




- Cyan (36%)
- Magenta (0%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 41.355, 156.665 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, 41.355, 156.665 by changing the saturation by 10% instead.


 93, 41.355,
156.665


 93, 41.355,
156.665


 100, 41.355,
156.665


 83, 41.355,
156.665

 73, 41.355,
156.665

 63, 41.355,
156.665

 53, 41.355,
156.665

 43, 41.355,
156.665

 33, 41.355,
156.665

 23, 41.355,

156.665

■ 13, 41.355,
156.665

■ 3, 41.355, 156.665

■ 93, 41.355,
156.665

■ 93, 41.355,
156.665

■ 92, 52.260,
155.419

■ 95, 30.011,
157.758

■ 91, 62.514,
153.998

■ 96, 18.419,
158.727

■ 90, 71.919,
152.377

■ 98, 6.750, 159.622

■ 89, 80.315,
150.544

100, 0.606,
323.952

■ 88, 87.612,
148.505

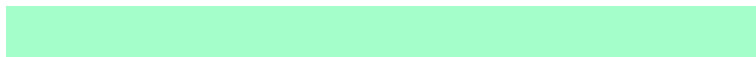
■ 88, 93.818,
146.297

■ 88, 96.175,
145.373

Harmonies

Complementary

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



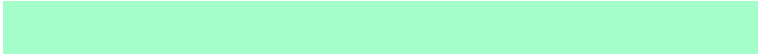
93, 41.355, 156.665



77, 42.574, 343.202

Rectangle

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



93, 41.355, 156.665



93, 41.355, 206.665



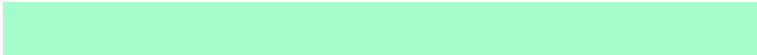
93, 41.355, 336.665



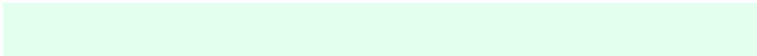
93, 41.355, 26.665

Sweetspot

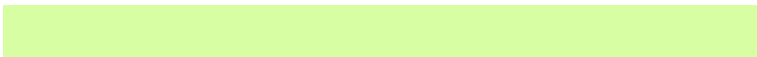
The Sweet Spot groups the original color and five complimentary colors.



93, 41.356, 156.664



98, 12.848, 159.160



95, 47.912, 124.304



52, 8.635, 159.039



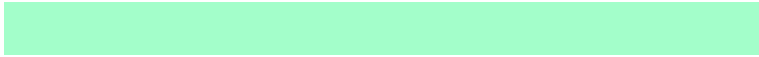
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



93, 41.356, 156.664



92, 49.405, 155.785



94, 29.173, 189.841



52, 6.638, 159.292



68, 76.991, 145.786



23, 33.122, 148.960

Inverse Universe

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



77, 42.574, 343.202



74, 51.015, 344.016



76, 36.058, 16.440



50, 6.700, 340.715



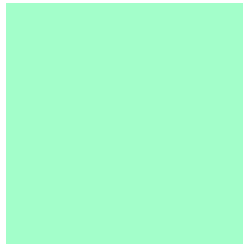
42, 69.542, 355.519



11, 32.715, 351.045

Previews

White Background



This preview shows how the CIE LCh color 93, 41.355, 156.665 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, 41.355, 156.665 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, 41.355, 156.665

Background



This preview shows how black text looks on a background with the CIELCh color 93, 41.355, 156.665.

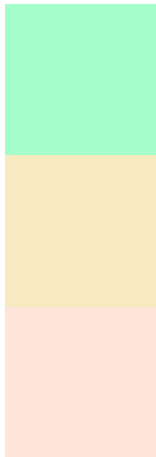


This preview shows how white text looks on a background with the CIELCh color 93, 41.355, 156.665.

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, 41.381, 156.649

Protanopia

93, 21.726, 94.205

Deuteranopia

92, 11.246, 47.100

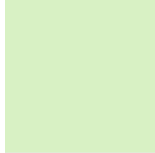


Tritanopia
93, 15.710, 224.023

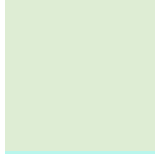
Trichromacy



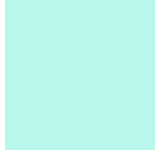
Original Color
93, 41.381, 156.649



Protanomaly
92, 24.907, 130.159



Deuteranomaly
92, 14.022, 132.046

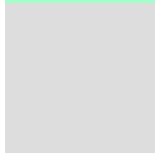


Tritanomaly
93, 21.160, 183.860

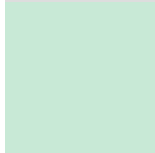
Monochromacy



Original Color
93, 41.381, 156.649



Achromatopsia
88, 0.010, 296.813



Achromatomaly
90, 15.436, 158.664

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 41.355, 156.665 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(163, 254, 202)` looks like.

```
.text, #text, p{  
    color:rgb(163, 254, 202)  
}
```

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(163, 254, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 254, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 41.355, 156.665 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(163, 254, 202) }
```

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

```
.border{ border-color:rgb(163, 254, 202) }
```

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

Here you see how a box with a 4 pixel rgb(163, 254, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 254, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 254, 202);  
box-shadow:4px 4px 4px 4px rgb(163, 254,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 41.355, 156.665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 254, 202) }
```

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

```
.background{ background-color: rgb(163,  
254, 202) }
```

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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