

Converting Colors

CIELCh(100, 53.368, 152.370)

Have a look what the booklet for
CIELCh(100, 53.368, 152.370)
contains.

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Color

CIELCh(93, 40.164, 157.207)

Conversions

Conversions Part 1

Format	Color
Hex	A5FECC
RGB	165, 254, 204
RGB Percent	65%, 100%, 80%
CMY	0.3541, 0.0053, 0.2012
CMYK	0.35, 0.00, 0.20, 0.01
HSL	146°, 97%, 82%
HSV	146°, 35%, 99%
XYZ	61.6439, 82.9670, 69.7053
YIQ	221.6890, -36.9940, -34.4180

Conversions

Conversions Part 2

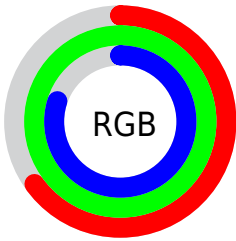
Format	Color
RYB	165, 227, 254
Decimal	10878668
CIELab	93.00, -37.03, 15.56
CIELCh	93, 40.164, 157.207
Yxy	82.9670, 0.2876, 0.3871
Android (android.graphics.Color)	4289068748 (0xFFA5FECC)
YUV	221.6890, -8.7207, -49.7163
Hunter-Lab	91.0862, -38.5985, 18.3877

Details

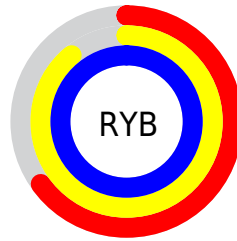
The CIELCh color **93, 40.164, 157.207** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **78, 41.402, 343.640**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 11.153, 198.761**, and **73, 40.084, 157.183** is the 20% darker color. If you saturate the color by 10%, you get **92, 50.997, 155.969**, and if you desaturate by 10%, it is **95, 28.905, 158.295**.

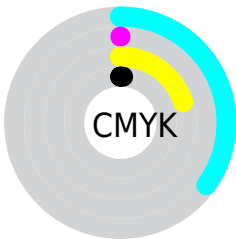
Distribution



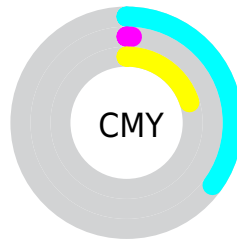
- Red (65%)
- Green (100%)
- Blue (80%)



- Red (65%)
- Yellow (89%)
- Blue (100%)



- Cyan (35%)
- Magenta (0%)
- Yellow (20%)
- Black (1%)





- Cyan (35%)
- Magenta (1%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 40.164, 157.207 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, 40.164, 157.207 by changing the saturation by 10% instead.


 93, 40.164,
157.207


 93, 40.164,
157.207


 100, 40.164,
157.207


 83, 40.164,
157.207

 73, 40.164,
157.207

 63, 40.164,
157.207


 53, 40.164,
157.207

 43, 40.164,
157.207


 33, 40.164,
157.207


 23, 40.164,


157.207


 13, 40.164,
157.207


 3, 40.164, 157.207


 93, 40.164,
157.207


 93, 40.164,
157.207

 92, 50.997,
155.969

 95, 28.905,
158.295

 90, 61.195,
154.558

 96, 17.408,
159.262

 90, 70.561,
152.949

 98, 5.840, 160.165

 89, 78.936,
151.128

100, 0.850,
324.107

■ 88, 86.227,
149.097

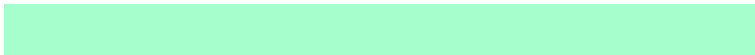
■ 88, 92.438,
146.890

■ 88, 95.192,
145.792

Harmonies

Complementary

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



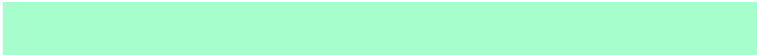
93, 40.164, 157.207



78, 41.402, 343.640

Rectangle

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



93, 40.164, 157.207



93, 40.164, 207.207



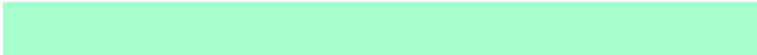
93, 40.164, 337.207



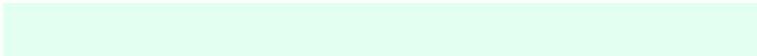
93, 40.164, 27.207

Sweetspot

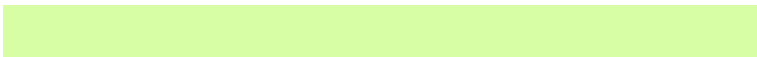
The Sweet Spot groups the original color and five complimentary colors.



93, 40.166, 157.206



98, 12.755, 159.629



95, 47.072, 124.969



52, 8.573, 159.508



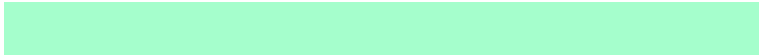
0, 0.000, 0.000



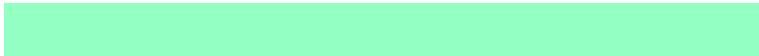
53, 0.007, 296.813

Same Dimension

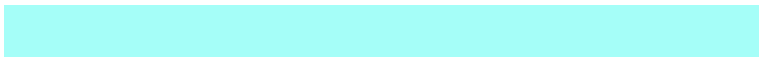
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 40.166, 157.206



92, 47.936, 156.365



94, 28.418, 191.421



52, 6.590, 159.763



68, 76.297, 146.206



23, 32.830, 149.391

Inverse Universe

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



78, 41.402, 343.640



74, 49.588, 344.430



77, 35.242, 17.593



50, 6.655, 341.198



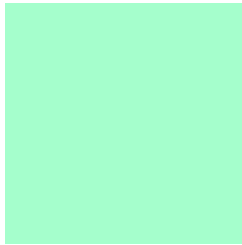
41, 69.303, 356.394



11, 32.579, 351.767

Previews

White Background



This preview shows how the CIE LCh color 93, 40.164, 157.207 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, 40.164, 157.207 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, 40.164, 157.207

Background



This preview shows how black text looks on a background with the CIELCh color 93, 40.164, 157.207.

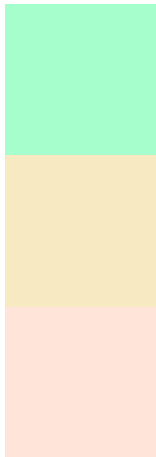


This preview shows how white text looks on a background with the CIELCh color 93, 40.164, 157.207.

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, 40.189, 157.192

Protanopia
93, 20.732, 93.631

Deuteranopia
92, 11.246, 47.100

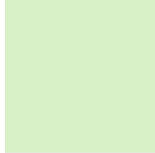


Tritanopia
93, 15.432, 224.527

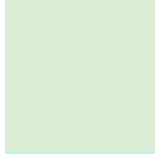
Trichromacy



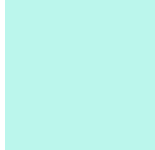
Original Color
93, 40.189, 157.192



Protanomaly
92, 23.815, 130.287



Deuteranomaly
92, 13.549, 132.894

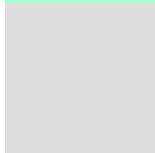


Tritanomaly
93, 20.564, 183.485

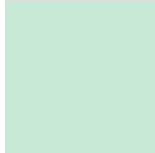
Monochromacy



Original Color
93, 40.189, 157.192



Achromatopsia
88, 0.010, 296.813



Achromatomaly
90, 14.820, 159.338

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 40.164, 157.207 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(165, 254, 204)` looks like.

```
.text, #text, p{  
    color:rgb(165, 254, 204)  
}
```

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(165, 254, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 254, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 40.164, 157.207 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(165, 254, 204) }
```

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

```
.border{ border-color:rgb(165, 254, 204) }
```

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

Here you see how a box with a 4 pixel rgb(165, 254, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 254, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 254, 204);  
box-shadow:4px 4px 4px 4px rgb(165, 254,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 40.164, 157.207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 254, 204) }
```

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

```
.background{ background-color: rgb(165,  
254, 204) }
```

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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