

Converting Colors

CIELCh(91, 37.690, 159.778)

Have a look what the booklet for
CIELCh(91, 37.690, 159.778)
contains.

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Color

CIELCh(91, 37.507, 159.686)

Conversions

Conversions Part 1

Format	Color
Hex	A1F7CB
RGB	161, 247, 203
RGB Percent	63%, 97%, 80%
CMY	0.3683, 0.0310, 0.2036
CMYK	0.35, 0.00, 0.18, 0.03
HSL	149°, 84%, 80%
HSV	149°, 35%, 97%
XYZ	58.7973, 78.4833, 68.6074
YIQ	216.2700, -37.1320, -31.9160

Conversions

Conversions Part 2

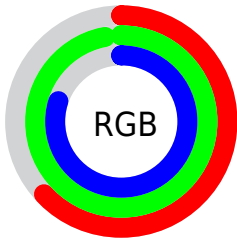
Format	Color
R_{YB}	161, 219, 247
Decimal	10614731
CIE _{Lab}	91.00, -35.17, 13.02
CIE _{LCh}	91, 37.507, 159.686
Yxy	78.4833, 0.2856, 0.3812
Android (android.graphics.Color)	4288804811 (0xFFA1F7CB)
YUV	216.2700, -6.5421, -48.4718
Hunter-Lab	88.5908, -36.5644, 16.0976

Details

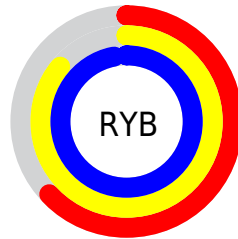
The CIELCh color **91, 37.507, 159.686** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **76, 39.038, 346.359**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 12.449, 198.674**, and **71, 37.308, 159.822** is the 20% darker color. If you saturate the color by 10%, you get **90, 47.640, 158.434**, and if you desaturate by 10%, it is **93, 26.947, 160.793**.

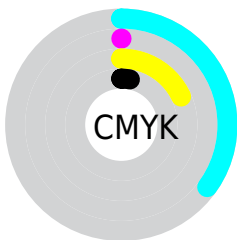
Distribution



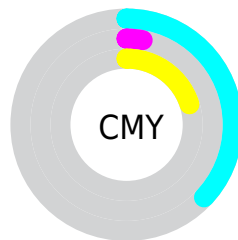
- Red (63%)
- Green (97%)
- Blue (80%)



- Red (63%)
- Yellow (86%)
- Blue (97%)



- Cyan (35%)
- Magenta (0%)
- Yellow (18%)
- Black (3%)





- Cyan (37%)
- Magenta (3%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 37.507, 159.686 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 91, 37.507, 159.686 by changing the saturation by 10% instead.


 91, 37.507,
159.686


 91, 37.507,
159.686


 100, 37.507,
159.686


 81, 37.507,
159.686

 71, 37.507,
159.686

 61, 37.507,
159.686

 51, 37.507,
159.686

 41, 37.507,
159.686


 31, 37.507,
159.686

 21, 37.507,


159.686


 11, 37.507,
159.686


 1, 37.507, 159.686


 91, 37.507,
159.686

 91, 37.507,
159.686

 90, 47.640,
158.434


 93, 26.947,
160.793

 89, 57.151,
157.014

 94, 16.135,
161.785

 88, 65.861,
155.400

 96, 5.229, 162.725

 87, 73.628,
153.575

 98, 4.375, 329.564

 98, 4.918, 324.550

■ 86, 80.377,
151.533

■ 86, 86.128,
149.298

■ 86, 88.820,
148.117

Harmonies

Complementary

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



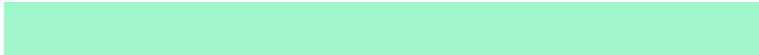
91, 37.507, 159.686



76, 39.038, 346.359

Rectangle

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



91, 37.507, 159.686



91, 37.507, 209.686



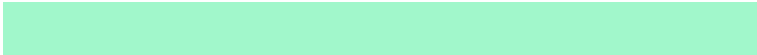
91, 37.507, 339.686



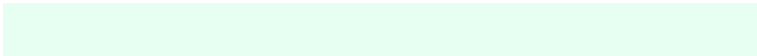
91, 37.507, 29.686

Sweetspot

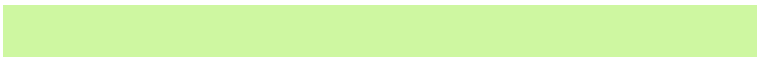
The Sweet Spot groups the original color and five complimentary colors.



91, 37.508, 159.685



98, 11.178, 162.232



93, 46.312, 126.826



52, 7.627, 162.102



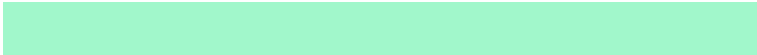
0, 0.000, 0.000



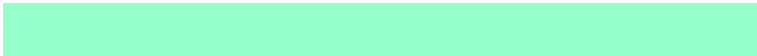
53, 0.007, 296.813

Same Dimension

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



91, 37.508, 159.685



93, 46.005, 158.792



92, 27.184, 196.119



50, 6.145, 162.281



66, 71.158, 148.553



21, 29.443, 152.126

Inverse Universe

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



76, 39.038, 346.359



74, 48.178, 347.262



75, 34.452, 21.331



48, 6.221, 343.774



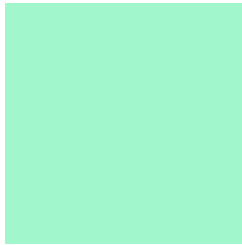
40, 67.035, 0.919



9, 30.370, 354.996

Previews

White Background



This preview shows how the CIE LCh color 91, 37.507, 159.686 looks on a white background.

Color Contrast Check

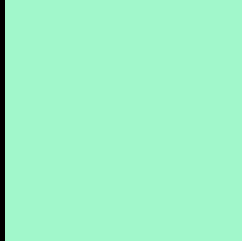
Large Text (above 18pt) WCAG AA × Fail

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 91, 37.507, 159.686 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 91, 37.507, 159.686

Background



This preview shows how black text looks on a background with the CIELCh color 91, 37.507, 159.686.

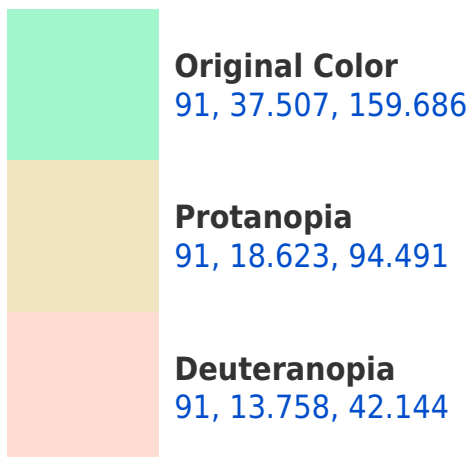


This preview shows how white text looks on a background with the CIELCh color 91, 37.507, 159.686.

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



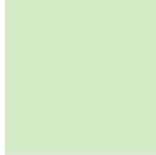


Tritanopia
91, 19.936, 224.797

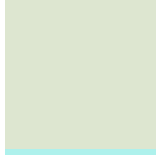
Trichromacy



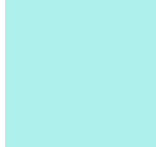
Original Color
91, 37.507, 159.686



Protanomaly
90, 21.562, 132.828



Deuteranomaly
90, 11.869, 125.374

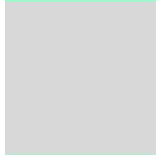


Tritanomaly
91, 22.254, 191.231

Monochromacy



Original Color
91, 37.507, 159.686



Achromatopsia
86, 0.010, 296.813



Achromatomaly
88, 13.939, 161.668

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 37.507, 159.686 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(161, 247, 203)` looks like.

```
.text, #text, p{  
    color:rgb(161, 247, 203)  
}
```

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(161, 247, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 247, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 37.507, 159.686 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(161, 247, 203) }
```

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

```
.border{ border-color:rgb(161, 247, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 247, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 247, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 247, 203);  
box-shadow:4px 4px 4px 4px rgb(161, 247,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 37.507, 159.686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 247, 203) }
```

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

```
.background{ background-color: rgb(161,  
247, 203) }
```

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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