

Converting Colors

CIELCh(92, 35.304, 165.782)

Have a look what the booklet for
CIELCh(92, 35.304, 165.782)
contains.

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Color

CIELCh(92, 35.496, 165.525)

Conversions

Conversions Part 1

Format	Color
Hex	A1FAD6
RGB	161, 250, 214
RGB Percent	63%, 98%, 84%
CMY	0.3691, 0.0201, 0.1613
CMYK	0.36, 0.00, 0.14, 0.02
HSL	156°, 90%, 81%
HSV	156°, 36%, 98%
XYZ	60.9407, 80.7044, 75.9013
YIQ	219.2850, -41.4880, -30.0640

Conversions

Conversions Part 2

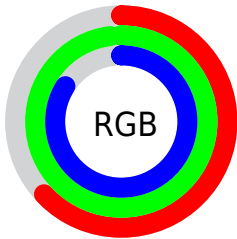
Format	Color
RYB	161, 217, 250
Decimal	10615510
CIELab	92.00, -34.37, 8.87
CIELCh	92, 35.496, 165.525
Yxy	80.7044, 0.2801, 0.3710
Android (android.graphics.Color)	4288805590 (0xFFA1FAD6)
YUV	219.2850, -2.6055, -51.1159
Hunter-Lab	89.8356, -36.1255, 12.7914

Details

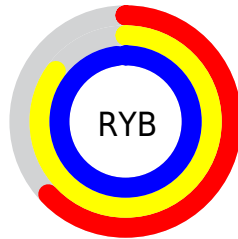
The CIELCh color **92, 35.496, 165.525** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **76, 38.052, 353.018**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 12.449, 198.674**, and **72, 35.444, 165.236** is the 20% darker color. If you saturate the color by 10%, you get **91, 44.630, 164.238**, and if you desaturate by 10%, it is **93, 25.858, 166.678**.

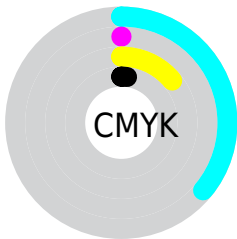
Distribution



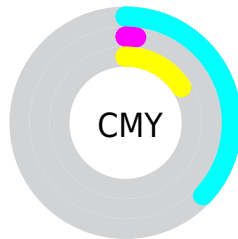
- Red (63%)
- Green (98%)
- Blue (84%)



- Red (63%)
- Yellow (85%)
- Blue (98%)



- Cyan (36%)
- Magenta (0%)
- Yellow (14%)
- Black (2%)





- Cyan (37%)
- Magenta (2%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 35.496, 165.525 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 92, 35.496, 165.525 by changing the saturation by 10% instead.


 92, 35.496,
165.525


 92, 35.496,
165.525


 100, 35.496,
165.525


 82, 35.496,
165.525

 72, 35.496,
165.525

 62, 35.496,
165.525

 52, 35.496,
165.525

 42, 35.496,
165.525

 32, 35.496,
165.525

 22, 35.496,

165.525

■ 12, 35.496,
165.525

■ 2, 35.496, 165.525

■ 92, 35.496,
165.525

■ 92, 35.496,
165.525

■ 91, 44.630,
164.238

■ 93, 25.858,
166.678

■ 90, 53.083,
162.795

■ 95, 15.883,
167.729

■ 89, 60.698,
161.169

■ 97, 5.727, 168.732

■ 88, 67.362,
159.336

■ 99, 2.906, 328.368

■ 99, 3.191, 324.456

■ 88, 73.035,
157.287

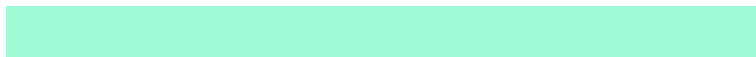
■ 87, 77.775,
155.034

■ 87, 79.659,
154.027

Harmonies

Complementary

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



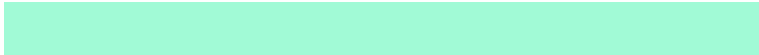
92, 35.496, 165.525



76, 38.052, 353.018

Rectangle

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



92, 35.496, 165.525



92, 35.496, 215.525



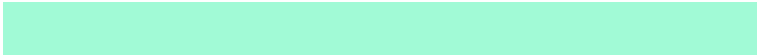
92, 35.496, 345.525



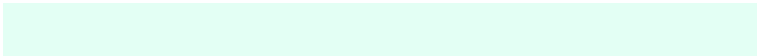
92, 35.496, 35.525

Sweetspot

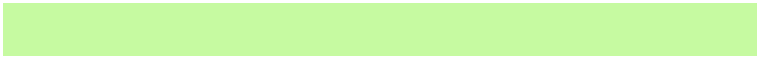
The Sweet Spot groups the original color and five complimentary colors.



92, 35.497, 165.524



98, 11.395, 168.188



93, 49.099, 130.265



52, 7.653, 168.053



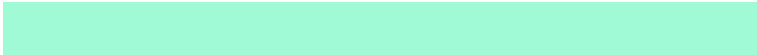
0, 0.000, 0.000



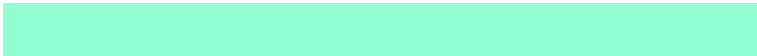
53, 0.007, 296.813

Same Dimension

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



92, 35.497, 165.524



93, 42.997, 164.583



91, 25.640, 206.535



51, 5.795, 168.338



68, 63.990, 154.458



22, 27.250, 157.825

Inverse Universe

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



76, 38.052, 353.018



73, 46.710, 354.133



77, 33.306, 28.948



49, 5.905, 349.956



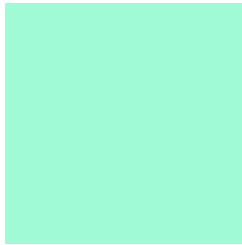
40, 67.588, 11.320



10, 30.496, 4.032

Previews

White Background



This preview shows how the CIELCh color 92, 35.496, 165.525 looks on a white background.

Color Contrast Check

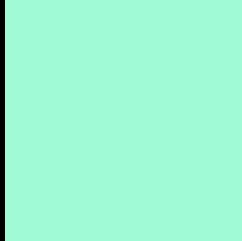
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 92, 35.496, 165.525 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

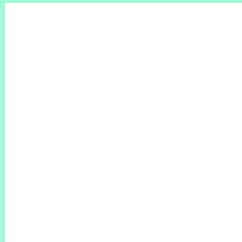
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 35.496, 165.525

Background



This preview shows how black text looks on a background with the CIELCh color 92, 35.496, 165.525.

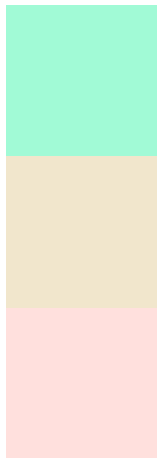


This preview shows how white text looks on a background with the CIELCh color 92, 35.496, 165.525.

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
92, 35.496, 165.525

Protanopia
92, 14.012, 91.982

Deuteranopia
92, 11.517, 27.832

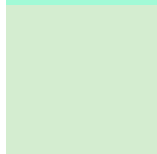


Tritanopia
92, 17.988, 224.193

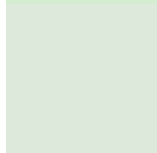
Trichromacy



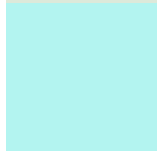
Original Color
92, 35.496, 165.525



Protanomaly
91, 17.572, 140.027



Deuteranomaly
91, 8.913, 138.545



Tritanomaly
92, 21.524, 192.478

Monochromacy



Original Color
92, 35.496, 165.525



Achromatopsia
87, 0.010, 296.813



Achromatomaly
89, 13.258, 167.799

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 35.496, 165.525 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, 250, 214)` looks like.

```
.text, #text, p{  
    color:rgb(161, 250, 214)  
}
```

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, 250, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 250, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 35.496, 165.525 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, 250, 214) }
```

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

```
.border{ border-color:rgb(161, 250, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 250, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 250, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 250, 214);  
box-shadow:4px 4px 4px 4px rgb(161, 250,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 35.496, 165.525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 250, 214) }
```

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

```
.background{ background-color: rgb(161,  
250, 214) }
```

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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