

Converting Colors

CIELCh(92, 42.991, 158.878)

Have a look what the booklet for
CIELCh(92, 42.991, 158.878)
contains.

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Color

CIELCh(92, 42.907, 158.962)

Conversions

Conversions Part 1

Format	Color
Hex	99FCC9
RGB	153, 252, 201
RGB Percent	60%, 99%, 79%
CMY	0.3995, 0.0113, 0.2113
CMYK	0.39, 0.00, 0.20, 0.01
HSL	149°, 95%, 79%
HSV	149°, 39%, 99%
XYZ	58.5647, 80.7044, 67.8208
YIQ	216.5850, -42.6330, -36.8490

Conversions

Conversions Part 2

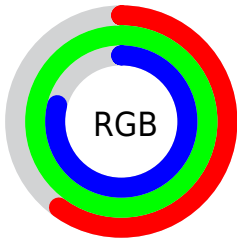
Format	Color
RYB	153, 220, 252
Decimal	10091721
CIELab	92.00, -40.05, 15.40
CIElCh	92, 42.907, 158.962
Yxy	80.7044, 0.2828, 0.3897
Android (android.graphics.Color)	4288281801 (0xFF99FCC9)
YUV	216.5850, -7.6834, -55.7640
Hunter-Lab	89.8356, -40.8465, 18.1244

Details

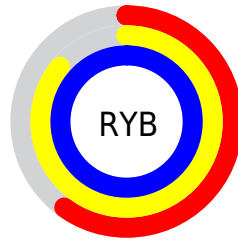
The CIELCh color **92, 42.907, 158.962** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **75, 44.800, 346.702**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 14.999, 198.507**, and **72, 42.903, 158.908** is the 20% darker color. If you saturate the color by 10%, you get **91, 52.982, 157.637**, and if you desaturate by 10%, it is **93, 32.312, 160.130**.

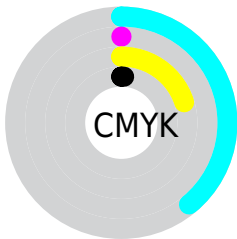
Distribution



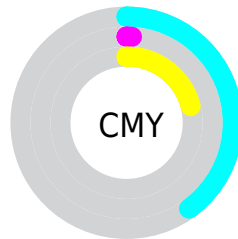
- Red (60%)
- Green (99%)
- Blue (79%)



- Red (60%)
- Yellow (86%)
- Blue (99%)



- Cyan (39%)
- Magenta (0%)
- Yellow (20%)
- Black (1%)




- Cyan (40%)
- Magenta (1%)
- Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 42.907, 158.962 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, 42.907, 158.962 by changing the saturation by 10% instead.


 92, 42.907,
158.962


 92, 42.907,
158.962


 100, 42.907,
158.962


 82, 42.907,
158.962

 72, 42.907,
158.962

 62, 42.907,
158.962

 52, 42.907,
158.962

 42, 42.907,
158.962

 32, 42.907,
158.962

 22, 42.907,

158.962

■ 12, 42.907,
158.962

■ 2, 42.907, 158.962

■ 92, 42.907,
158.962

■ 92, 42.907,
158.962

■ 91, 52.982,
157.637

■ 93, 32.312,
160.130

■ 90, 62.339,
156.131

■ 95, 21.382,
161.169

■ 89, 70.808,
154.422

■ 97, 10.290,
162.115

■ 88, 78.271,
152.496

■ 99, 0.819, 342.315

■ 99, 1.792, 324.332

■ 88, 84.691,
150.360

■ 88, 90.178,
148.080

■ 88, 90.562,
147.918

Harmonies

Complementary

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



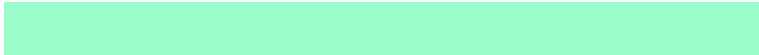
92, 42.907, 158.962



75, 44.800, 346.702

Rectangle

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



92, 42.907, 158.962



92, 42.907, 208.962



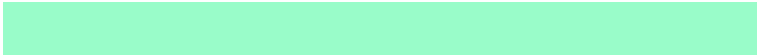
92, 42.907, 338.962



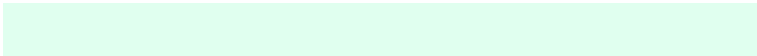
92, 42.907, 28.962

Sweetspot

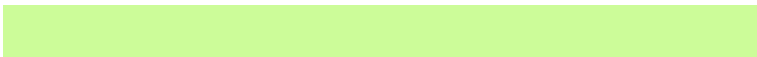
The Sweet Spot groups the original color and five complimentary colors.



92, 42.908, 158.961



98, 13.451, 161.862



94, 52.943, 126.611



52, 8.922, 161.740



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, 42.908, 158.961



92, 51.219, 157.949



93, 30.561, 195.902



51, 6.266, 162.094



67, 72.176, 148.356



22, 30.492, 151.747

Inverse Universe

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



75, 44.800, 346.702



71, 53.740, 347.733



73, 40.108, 22.025



49, 6.342, 343.586



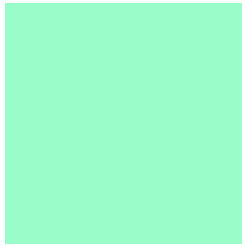
41, 67.759, 0.628



10, 31.215, 355.025

Previews

White Background



This preview shows how the CIE LCh color 92, 42.907, 158.962 looks on a white background.

Color Contrast Check

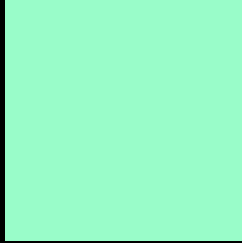
Large Text (above 18pt) WCAG AA × Fail

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 92, 42.907, 158.962 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, 42.907, 158.962

Background



This preview shows how black text looks on a background with the CIELCh color 92, 42.907, 158.962.

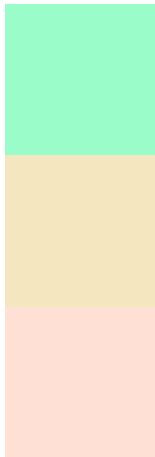


This preview shows how white text looks on a background with the CIELCh color 92, 42.907, 158.962.

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, 42.907, 158.962

Protanopia
91, 21.281, 93.894

Deuteranopia
91, 12.902, 46.061

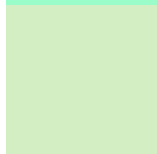


Tritanopia
92, 18.525, 223.368

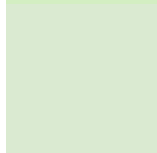
Trichromacy



Original Color
92, 42.907, 158.962



Protanomaly
91, 24.793, 132.126



Deuteranomaly
91, 14.208, 133.361



Tritanomaly
92, 23.367, 186.332

Monochromacy



Original Color
92, 42.907, 158.962



Achromatopsia
87, 0.010, 296.813



Achromatomaly
88, 16.286, 160.883

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 42.907, 158.962 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(153, 252, 201)` looks like.

```
.text, #text, p{  
    color:rgb(153, 252, 201)  
}
```

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(153, 252, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 252, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 42.907, 158.962 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(153, 252, 201) }
```

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

```
.border{ border-color:rgb(153, 252, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 252, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 252, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 252, 201);  
box-shadow:4px 4px 4px 4px rgb(153, 252,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 42.907, 158.962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 252, 201) }
```

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

```
.background{ background-color: rgb(153,  
252, 201) }
```

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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