

Converting Colors

CIELCh(92, 42.146, 149.057)

Have a look what the booklet for
CIELCh(92, 42.146, 149.057)
contains.

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Color

CIELCh(92, 42.228, 149.018)

Conversions

Conversions Part 1

Format	Color
Hex	ABFABD
RGB	171, 250, 189
RGB Percent	67%, 98%, 74%
CMY	0.3294, 0.0196, 0.2588
CMYK	0.32, 0.00, 0.24, 0.02
HSL	134°, 89%, 83%
HSV	134°, 32%, 98%
XYZ	60.1663, 80.7044, 60.5514
YIQ	219.4250, -27.5030, -35.7190

Conversions

Conversions Part 2

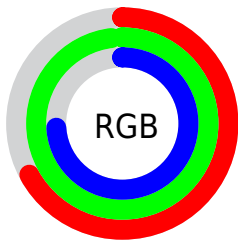
Format	Color
RYB	171, 235, 250
Decimal	11270845
CIELab	92.00, -36.20, 21.74
CIELCh	92, 42.228, 149.018
Yxy	80.7044, 0.2987, 0.4007
Android (android.graphics.Color)	4289460925 (0xFFABFABD)
YUV	219.4250, -14.9995, -42.4687
Hunter-Lab	89.8356, -37.6642, 22.9220

Details

The CIELCh color **92, 42.228, 149.018** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **79, 42.472, 333.645**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 10.721, 170.349**, and **72, 42.395, 148.867** is the 20% darker color. If you saturate the color by 10%, you get **90, 55.209, 147.943**, and if you desaturate by 10%, it is **94, 28.912, 149.947**.

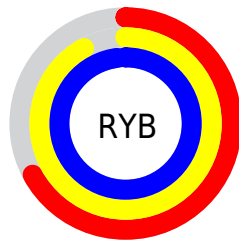
Distribution



Red (67%)

Green (98%)

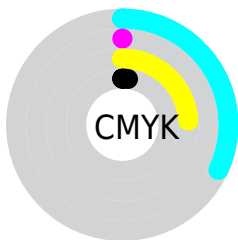
Blue (74%)



Red (67%)

Yellow (92%)

Blue (98%)

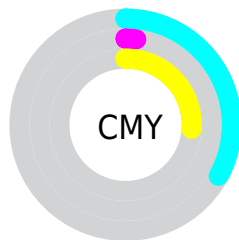


Cyan (32%)

Magenta (0%)

Yellow (24%)

Black (2%)



Cyan (33%)


Magenta (2%)


Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 42.228, 149.018 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, 42.228, 149.018 by changing the saturation by 10% instead.


 92, 42.228,
149.018


 92, 42.228,
149.018


 100, 42.228,
149.018


 82, 42.228,
149.018

 72, 42.228,
149.018

 62, 42.228,
149.018


 52, 42.228,
149.018

 42, 42.228,
149.018

 32, 42.228,
149.018


 22, 42.228,


149.018

 12, 42.228,
149.018


 2, 42.228, 149.018


 92, 42.228,
149.018

 92, 42.228,
149.018


 90, 55.209,
147.943


 94, 28.912,
149.947

 89, 67.586,
146.705

 96, 15.481,
150.755

 88, 79.074,
145.294

 98, 2.115, 151.597

 87, 89.384,
143.717

 99, 3.109, 324.451

■ 87, 98.254,
142.011

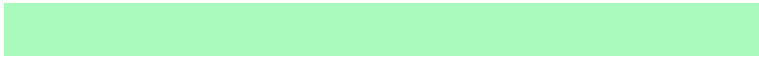
■ 87, 105.472,
140.251

■ 86, 110.213,
138.855

Harmonies

Complementary

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



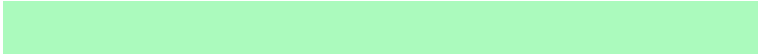
92, 42.228, 149.018



79, 42.472, 333.645

Rectangle

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



92, 42.228, 149.018



92, 42.228, 199.018



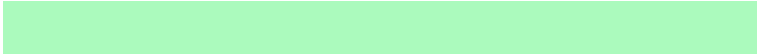
92, 42.228, 329.018



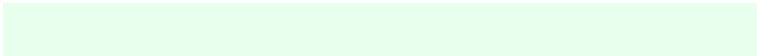
92, 42.228, 19.018

Sweetspot

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



92, 42.230, 149.018



98, 12.186, 150.950



95, 40.343, 116.513



52, 8.475, 150.841



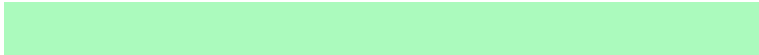
0, 0.000, 0.000



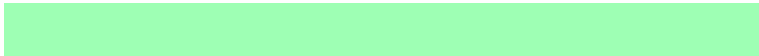
53, 0.007, 296.813

Same Dimension

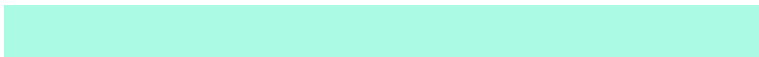
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 42.230, 149.018



93, 51.406, 148.344



93, 28.954, 173.968



51, 7.574, 150.914



67, 88.568, 139.163



22, 37.599, 141.906

Inverse Universe

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



79, 42.472, 333.645



77, 51.661, 334.118



78, 32.023, 0.736



49, 7.601, 332.102



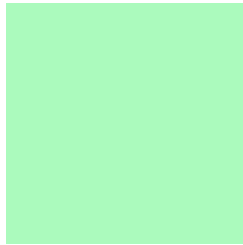
43, 77.304, 339.923



11, 35.719, 338.122

Previews

White Background



This preview shows how the CIELCh color 92, 42.228, 149.018 looks on a white background.

Color Contrast Check

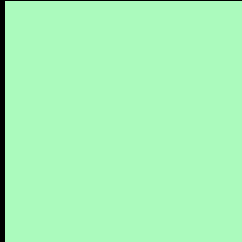
Large Text (above 18pt) WCAG AA × Fail

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, 42.228, 149.018 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, 42.228, 149.018

Background



This preview shows how black text looks on a background with the CIELCh color 92, 42.228, 149.018.

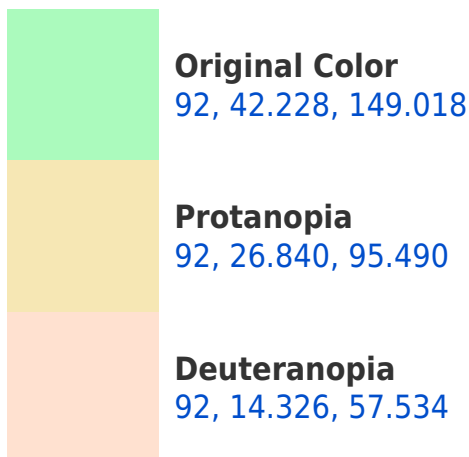



This preview shows how white text looks on a background with the CIELCh color 92, 42.228, 149.018.

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



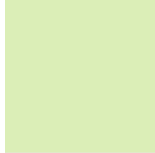


Tritanopia
92, 16.592, 228.703

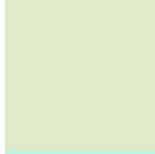
Trichromacy



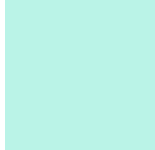
Original Color
92, 42.228, 149.018



Protanomaly
92, 29.079, 122.242



Deuteranomaly
91, 17.409, 121.110

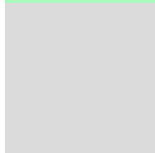


Tritanomaly
92, 20.381, 180.283

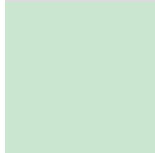
Monochromacy



Original Color
92, 42.228, 149.018



Achromatopsia
87, 0.010, 296.813



Achromatomaly
89, 15.338, 150.234

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 42.228, 149.018 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(171, 250, 189)` looks like.

```
.text, #text, p{  
    color:rgb(171, 250, 189)  
}
```

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(171, 250, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 250, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 42.228, 149.018 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(171, 250, 189) }
```

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

```
.border{ border-color:rgb(171, 250, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 250, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 250, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 250, 189);  
box-shadow:4px 4px 4px 4px rgb(171, 250,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 42.228, 149.018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 250, 189) }
```

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

```
.background{ background-color: rgb(171,  
250, 189) }
```

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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