

Converting Colors

CIELCh(92, 46.258, 159.268)

Have a look what the booklet for
CIELCh(92, 46.258, 159.268)
contains.

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Color

CIELCh(92, 46.517, 159.036)

Conversions

Conversions Part 1

Format	Color
Hex	91FEC7
RGB	145, 254, 199
RGB Percent	57%, 100%, 78%
CMY	0.4330, 0.0056, 0.2212
CMYK	0.43, 0.00, 0.22, 0.01
HSL	150°, 97%, 78%
HSV	150°, 43%, 99%
XYZ	57.1756, 80.7044, 66.3546
YIQ	215.1390, -47.3090, -40.2130

Conversions

Conversions Part 2

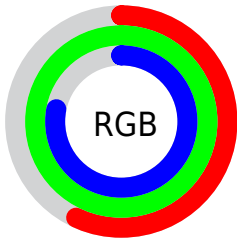
Format	Color
RYB	145, 218, 254
Decimal	9567943
CIELab	92.00, -43.44, 16.64
CIELCh	92, 46.517, 159.036
Yxy	80.7044, 0.2800, 0.3952
Android (android.graphics.Color)	4287758023 (0xFF91FEC7)
YUV	215.1390, -7.9565, -61.5119
Hunter-Lab	89.8356, -43.6066, 19.0920

Details

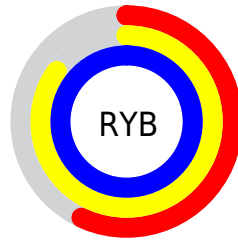
The CIELCh color **92, 46.517, 159.036** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **73, 48.847, 347.819**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 17.181, 198.366**, and **72, 46.775, 158.997** is the 20% darker color. If you saturate the color by 10%, you get **91, 56.282, 157.643**, and if you desaturate by 10%, it is **93, 36.152, 160.263**.

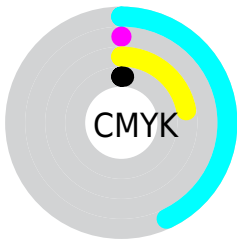
Distribution



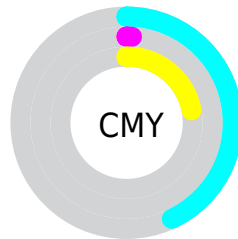
- Red (57%)
- Green (100%)
- Blue (78%)



- Red (57%)
- Yellow (85%)
- Blue (100%)



- Cyan (43%)
- Magenta (0%)
- Yellow (22%)
- Black (1%)





- Cyan (43%)
- Magenta (1%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 46.517, 159.036 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, 46.517, 159.036 by changing the saturation by 10% instead.


 92, 46.517,
159.036


 92, 46.517,
159.036


 100, 46.517,
159.036


 82, 46.517,
159.036

 72, 46.517,
159.036

 62, 46.517,
159.036

 52, 46.517,
159.036

 42, 46.517,
159.036

 32, 46.517,
159.036

 22, 46.517,

159.036

■ 12, 46.517,
159.036

■ 2, 46.517, 159.036

■ 92, 46.517,
159.036

■ 92, 46.517,
159.036

■ 91, 56.282,
157.643

■ 93, 36.152,
160.263

■ 90, 65.258,
156.061

■ 95, 25.376,
161.353

■ 89, 73.293,
154.269

■ 97, 14.371,
162.334

■ 89, 80.297,
152.259

■ 99, 3.291, 163.316

100, 0.888,

■ 88, 86.275,
150.048

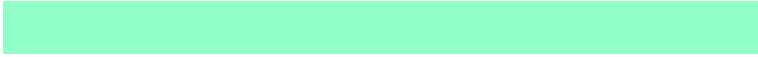
324.124

■ 88, 89.976,
148.438

Harmonies

Complementary

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



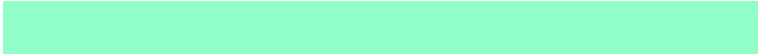
92, 46.517, 159.036



73, 48.847, 347.819

Rectangle

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



92, 46.517, 159.036



92, 46.517, 209.036



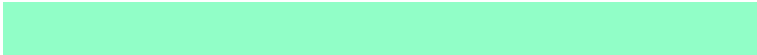
92, 46.517, 339.036



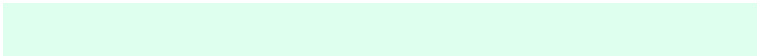
92, 46.517, 29.036

Sweetspot

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



92, 46.518, 159.035



97, 14.457, 162.332



94, 58.027, 126.439



52, 10.114, 162.123



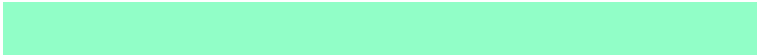
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

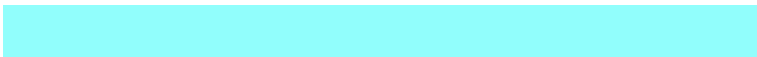
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 46.518, 159.035



91, 55.605, 157.785



93, 33.019, 195.729



52, 6.321, 162.658



68, 72.141, 148.862



23, 31.105, 152.092

Inverse Universe

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



73, 48.847, 347.819



69, 58.647, 349.139



72, 44.628, 22.665



50, 6.402, 344.167



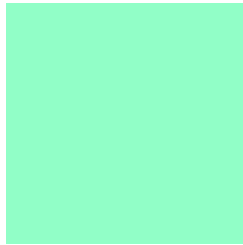
41, 68.296, 1.691



10, 31.911, 356.161

Previews

White Background



This preview shows how the CIE LCh color 92, 46.517, 159.036 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, 46.517, 159.036 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

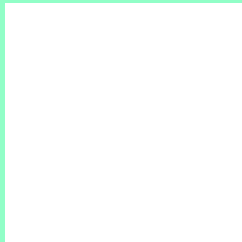
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 46.517, 159.036

Background



This preview shows how black text looks on a background with the CIELCh color 92, 46.517, 159.036.

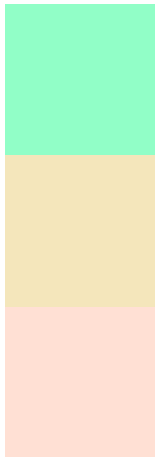


This preview shows how white text looks on a background with the CIELCh color 92, 46.517, 159.036.

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, 46.517, 159.036

Protanopia
91, 22.777, 94.687

Deuteranopia
91, 13.157, 48.014

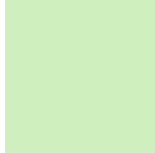


Tritanopia
92, 19.174, 220.709

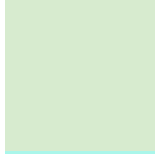
Trichromacy



Original Color
92, 46.517, 159.036



Protanomaly
91, 27.273, 133.101



Deuteranomaly
91, 16.244, 135.670

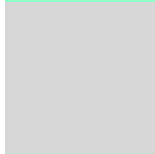


Tritanomaly
92, 25.862, 183.776

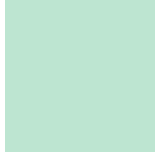
Monochromacy



Original Color
92, 46.517, 159.036



Achromatopsia
86, 0.010, 296.813



Achromatomaly
88, 17.733, 162.148

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 46.517, 159.036 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(145, 254, 199)` looks like.

```
.text, #text, p{  
    color:rgb(145, 254, 199)  
}
```

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(145, 254, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 254, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 46.517, 159.036 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(145, 254, 199) }
```

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

```
.border{ border-color:rgb(145, 254, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 254, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(145, 254, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(145, 254, 199); box-shadow:4px 4px 4px 4px rgb(145, 254, 199) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 46.517, 159.036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 254, 199) }
```

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

```
.background{ background-color: rgb(145,  
254, 199) }
```

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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