

Converting Colors

CIELCh(92, 43.455, 151.709)

Have a look what the booklet for
CIELCh(92, 43.455, 151.709)
contains.

CIELCh(92, 43.573, 151.742)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(92, 43.573, 151.742)

Conversions

Conversions Part 1

Format	Color
Hex	A4FBBF
RGB	164, 251, 191
RGB Percent	64%, 98%, 75%
CMY	0.3566, 0.0154, 0.2507
CMYK	0.35, 0.00, 0.24, 0.02
HSL	139°, 92%, 81%
HSV	139°, 35%, 98%
XYZ	59.2557, 80.7044, 61.7838
YIQ	218.1470, -32.5920, -37.1040

Conversions

Conversions Part 2

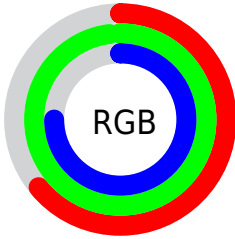
Format	Color
RYB	164, 230, 251
Decimal	10812351
CIELab	92.00, -38.38, 20.63
CIELCh	92, 43.573, 151.742
Yxy	80.7044, 0.2937, 0.4000
Android (android.graphics.Color)	4289002431 (0xFFA4FBBF)
YUV	218.1470, -13.3835, -47.4869
Hunter-Lab	89.8356, -39.4735, 22.1087

Details

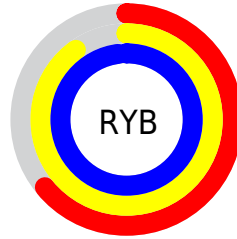
The CIELCh color **92, 43.573, 151.742** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **78, 44.113, 337.318**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 12.228, 181.638**, and **72, 43.685, 151.511** is the 20% darker color. If you saturate the color by 10%, you get **91, 55.626, 150.576**, and if you desaturate by 10%, it is **94, 31.122, 152.754**.

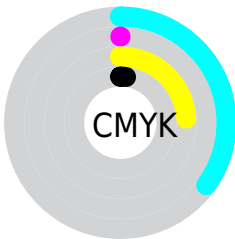
Distribution



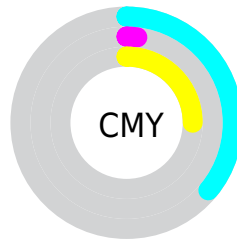
- Red (64%)
- Green (98%)
- Blue (75%)



- Red (64%)
- Yellow (90%)
- Blue (98%)



- Cyan (35%)
- Magenta (0%)
- Yellow (24%)
- Black (2%)





- Cyan (36%)
- Magenta (2%)
- Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 43.573, 151.742 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, 43.573, 151.742 by changing the saturation by 10% instead.


 92, 43.573,
151.742


 92, 43.573,
151.742


 100, 43.573,
151.742


 82, 43.573,
151.742

 72, 43.573,
151.742

 62, 43.573,
151.742

 52, 43.573,
151.742

 42, 43.573,
151.742

 32, 43.573,
151.742

 22, 43.573,

151.742

■ 12, 43.573,
151.742

■ 2, 43.573, 151.742

■ 92, 43.573,
151.742

■ 92, 43.573,
151.742

■ 91, 55.626,
150.576

■ 94, 31.122,
152.754

■ 89, 67.037,
149.235

■ 96, 18.484,
153.640

■ 88, 77.562,
147.705

■ 98, 5.837, 154.452

■ 88, 86.981,
145.984

■ 99, 2.444, 324.400

■ 87, 95.125,
144.095

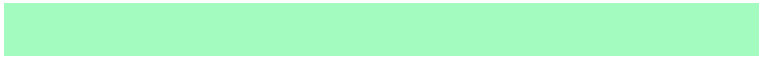
■ 87, 101.901,
142.100

■ 87, 105.014,
141.060

Harmonies

Complementary

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



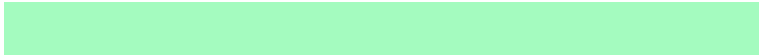
92, 43.573, 151.742



78, 44.113, 337.318

Rectangle

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



92, 43.573, 151.742



92, 43.573, 201.742



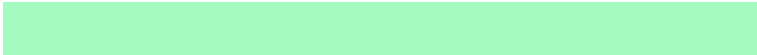
92, 43.573, 331.742



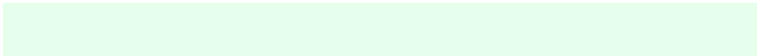
92, 43.573, 21.742

Sweetspot

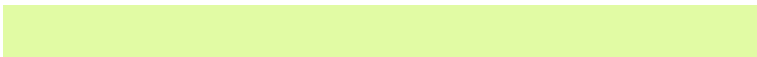
The Sweet Spot groups the original color and five complimentary colors.



92, 43.575, 151.742



98, 12.750, 154.018



95, 44.873, 119.773



52, 8.705, 153.905



0, 0.000, 0.000



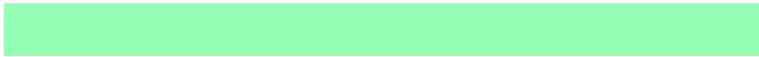
53, 0.007, 296.813

Same Dimension

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



92, 43.575, 151.742



92, 53.143, 150.897



93, 29.909, 179.946



51, 7.128, 154.059



67, 84.010, 141.432



22, 35.465, 144.508

Inverse Universe

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



78, 44.113, 337.318



75, 53.783, 337.968



76, 34.670, 7.358



49, 7.167, 335.333



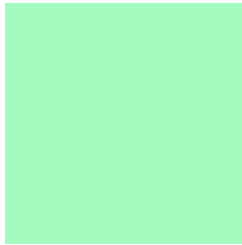
42, 73.114, 345.686



10, 33.930, 342.843

Previews

White Background



This preview shows how the CIE LCh color 92, 43.573, 151.742 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, 43.573, 151.742 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

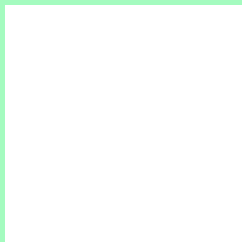
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 43.573, 151.742

Background



This preview shows how black text looks on a background with the CIELCh color 92, 43.573, 151.742.

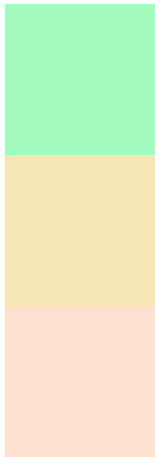


This preview shows how white text looks on a background with the CIELCh color 92, 43.573, 151.742.

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, 43.573, 151.742

Protanopia
92, 26.342, 95.307

Deuteranopia
92, 13.997, 55.946

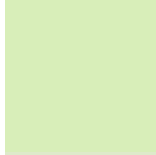


Tritanopia
92, 17.383, 227.164

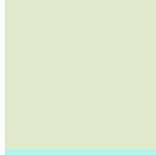
Trichromacy



Original Color
92, 43.573, 151.742



Protanomaly
91, 28.426, 124.944



Deuteranomaly
91, 17.097, 123.889

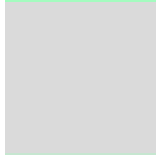


Tritanomaly
92, 21.672, 182.698

Monochromacy



Original Color
92, 43.573, 151.742



Achromatopsia
87, 0.010, 296.813



Achromatomaly
89, 16.315, 153.795

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 43.573, 151.742 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(164, 251, 191)` looks like.

```
.text, #text, p{  
    color:rgb(164, 251, 191)  
}
```

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(164, 251, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 251, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 43.573, 151.742 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(164, 251, 191) }
```

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

```
.border{ border-color:rgb(164, 251, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 251, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 251, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 251, 191);  
box-shadow:4px 4px 4px 4px rgb(164, 251,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 43.573, 151.742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 251, 191) }
```

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

```
.background{ background-color: rgb(164,  
251, 191) }
```

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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