

Converting Colors

CIELCh(92, 49.447, 152.425)

Have a look what the booklet for
CIELCh(92, 49.447, 152.425)
contains.

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Color

CIELCh(92, 49.481, 152.404)

Conversions

Conversions Part 1

Format	Color
Hex	97FDBA
RGB	151, 253, 186
RGB Percent	59%, 99%, 73%
CMY	0.4062, 0.0061, 0.2690
CMYK	0.40, 0.00, 0.26, 0.01
HSL	141°, 97%, 79%
HSV	141°, 40%, 99%
XYZ	57.0075, 80.7044, 59.2535
YIQ	214.8640, -39.2850, -42.4610

Conversions

Conversions Part 2

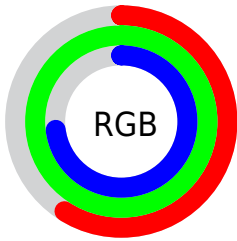
Format	Color
RYB	151, 227, 253
Decimal	9960890
CIELab	92.00, -43.85, 22.92
CIELCh	92, 49.481, 152.404
Yxy	80.7044, 0.2894, 0.4097
Android (android.graphics.Color)	4288150970 (0xFF97FDBA)
YUV	214.8640, -14.2300, -56.0087
Hunter-Lab	89.8356, -43.9405, 23.7787

Details

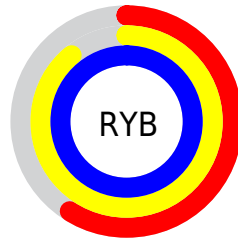
The CIELCh color **92, 49.481, 152.404** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **75, 50.304, 339.331**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 17.160, 175.484**, and **72, 49.543, 152.615** is the 20% darker color. If you saturate the color by 10%, you get **91, 60.969, 151.124**, and if you desaturate by 10%, it is **94, 37.465, 153.517**.

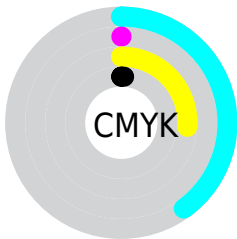
Distribution



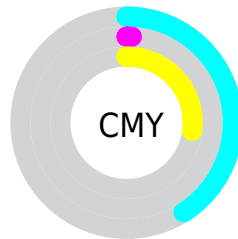
- Red (59%)
- Green (99%)
- Blue (73%)



- Red (59%)
- Yellow (89%)
- Blue (99%)



- Cyan (40%)
- Magenta (0%)
- Yellow (26%)
- Black (1%)



- Cyan (41%)
- Magenta (1%)
- Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 49.481, 152.404 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, 49.481, 152.404 by changing the saturation by 10% instead.

 92, 49.481,
152.404

 92, 49.481,
152.404

 100, 49.481,
152.404

 82, 49.481,
152.404

 72, 49.481,
152.404

 62, 49.481,
152.404

 52, 49.481,
152.404

 42, 49.481,
152.404

 32, 49.481,
152.404

 22, 49.481,


152.404


 12, 49.481,
152.404


 2, 49.481, 152.404


 92, 49.481,
152.404


 92, 49.481,
152.404


 91, 60.969,
151.124


 94, 37.465,
153.517

 90, 71.689,
149.658

 95, 25.138,
154.489

 89, 81.422,
147.993

 97, 12.698,
155.350

 88, 89.994,
146.135

 99, 0.303, 157.447

 100, 0.980,

■ 88, 97.302,
144.117

324.160

■ 88, 103.257,
142.105

Harmonies

Complementary

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



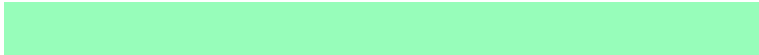
92, 49.481, 152.404



75, 50.304, 339.331

Rectangle

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



92, 49.481, 152.404



92, 49.481, 202.404



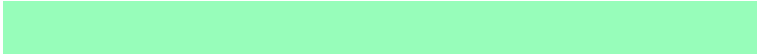
92, 49.481, 332.404



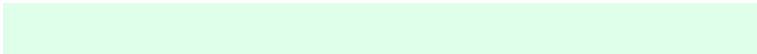
92, 49.481, 22.404

Sweetspot

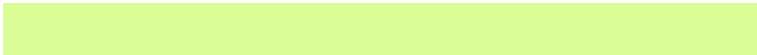
The Sweet Spot groups the original color and five complimentary colors.



92, 49.482, 152.404



97, 14.946, 155.205



95, 52.592, 120.817



52, 9.918, 155.095



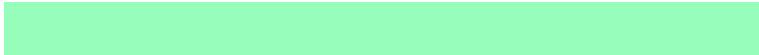
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



92, 49.482, 152.404



91, 58.730, 151.426



93, 33.683, 182.100



52, 7.074, 155.411



68, 82.840, 142.484



23, 35.645, 145.494

Inverse Universe

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



75, 50.304, 339.331



71, 59.618, 340.108



74, 40.847, 10.855



50, 7.119, 336.726



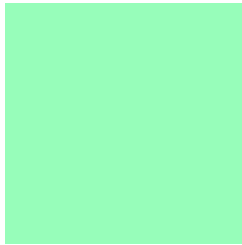
42, 72.418, 348.239



11, 34.151, 345.066

Previews

White Background



This preview shows how the CIE LCh color 92, 49.481, 152.404 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, 49.481, 152.404 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

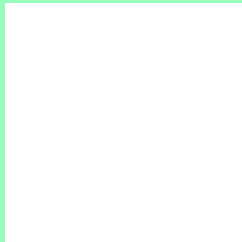
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 49.481, 152.404

Background



This preview shows how black text looks on a background with the CIELCh color 92, 49.481, 152.404.

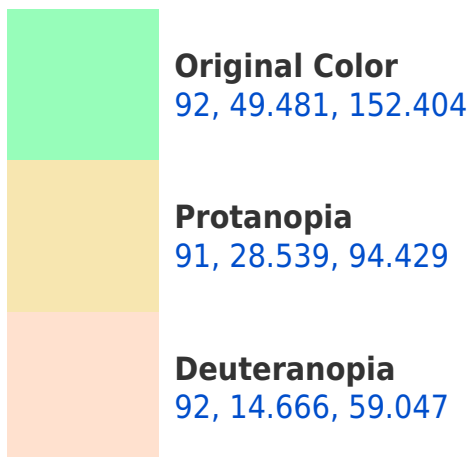


This preview shows how white text looks on a background with the CIELCh color 92, 49.481, 152.404.

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



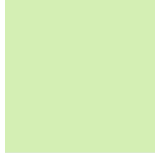


Tritanopia
92, 18.525, 223.368

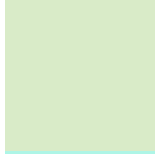
Trichromacy



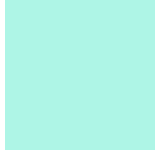
Original Color
92, 49.481, 152.404



Protanomaly
91, 31.905, 126.395



Deuteranomaly
91, 19.260, 128.906

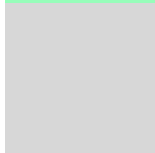


Tritanomaly
92, 25.056, 179.658

Monochromacy



Original Color
92, 49.481, 152.404



Achromatopsia
86, 0.010, 296.813



Achromatomaly
88, 18.348, 155.215

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 49.481, 152.404 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(151, 253, 186)` looks like.

```
.text, #text, p{  
    color:rgb(151, 253, 186)  
}
```

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(151, 253, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 253, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 49.481, 152.404 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(151, 253, 186) }
```

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

```
.border{ border-color:rgb(151, 253, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 253, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 253, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 253, 186);  
box-shadow:4px 4px 4px 4px rgb(151, 253,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 49.481, 152.404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 253, 186) }
```

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

```
.background{ background-color: rgb(151,  
253, 186) }
```

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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