

Converting Colors

CIELCh(91, 48.081, 151.029)

Have a look what the booklet for
CIELCh(91, 48.081, 151.029)
contains.

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Color

CIELCh(91, 48.290, 151.008)

Conversions

Conversions Part 1

Format	Color
Hex	9AFAB7
RGB	154, 250, 183
RGB Percent	60%, 98%, 72%
CMY	0.3970, 0.0205, 0.2832
CMYK	0.38, 0.00, 0.27, 0.02
HSL	138°, 90%, 79%
HSV	138°, 38%, 98%
XYZ	55.9206, 78.4833, 56.8817
YIQ	213.6580, -35.7090, -41.1890

Conversions

Conversions Part 2

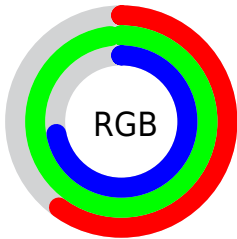
Format	Color
RYB	154, 228, 250
Decimal	10156727
CIELab	91.00, -42.24, 23.41
CIELCh	91, 48.290, 151.008
Yxy	78.4833, 0.2923, 0.4103
Android (android.graphics.Color)	4288346807 (0xFF9AFAB7)
YUV	213.6580, -15.1144, -52.3201
Hunter-Lab	88.5908, -42.3606, 23.9451

Details

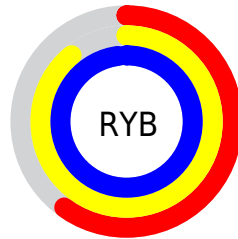
The CIELCh color **91, 48.290, 151.008** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **75, 48.849, 337.281**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 17.322, 170.101**, and **71, 48.242, 151.126** is the 20% darker color. If you saturate the color by 10%, you get **90, 60.160, 149.783**, and if you desaturate by 10%, it is **93, 35.934, 152.071**.

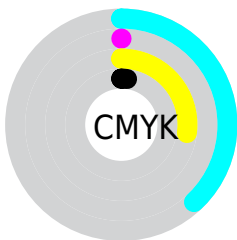
Distribution



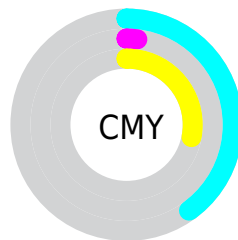
- Red (60%)
- Green (98%)
- Blue (72%)



- Red (60%)
- Yellow (89%)
- Blue (98%)



- Cyan (38%)
- Magenta (0%)
- Yellow (27%)
- Black (2%)



- Cyan (40%)
- Magenta (2%)
- Yellow (28%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 48.290, 151.008 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 91, 48.290, 151.008 by changing the saturation by 10% instead.

 91, 48.290,
151.008

 91, 48.290,
151.008

 100, 48.290,
151.008


 81, 48.290,
151.008

 71, 48.290,
151.008

 61, 48.290,
151.008


 51, 48.290,
151.008

 41, 48.290,
151.008

 31, 48.290,
151.008

 21, 48.290,


151.008


 11, 48.290,
151.008


 1, 48.290, 151.008


 91, 48.290,
151.008


 91, 48.290,
151.008


 90, 60.160,
149.783


 93, 35.934,
152.071

 89, 71.294,
148.378

 94, 23.315,
152.996

 88, 81.450,
146.782

 96, 10.628,
153.816

 87, 90.418,
145.003

 99, 1.972, 334.275

 99, 3.256, 324.460

■ 87, 98.050,
143.080

■ 86, 104.300,
141.107

■ 86, 105.184,
140.820

Harmonies

Complementary

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



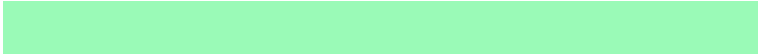
91, 48.290, 151.008



75, 48.849, 337.281

Rectangle

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



91, 48.290, 151.008



91, 48.290, 201.008



91, 48.290, 331.008



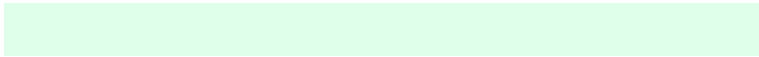
91, 48.290, 21.008

Sweetspot

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



91, 48.291, 151.008



97, 15.407, 153.531



94, 49.397, 119.561



52, 10.225, 153.425



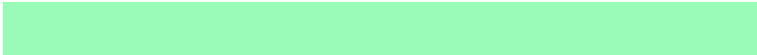
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



91, 48.291, 151.008



92, 58.297, 150.091



92, 32.670, 179.539



51, 7.171, 153.732



67, 84.497, 141.180



22, 35.684, 144.230

Inverse Universe

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



75, 48.849, 337.281



73, 58.870, 337.963



74, 38.542, 7.995



49, 7.208, 334.997



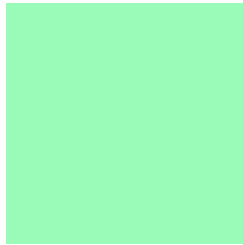
42, 73.487, 345.079



10, 34.095, 342.348

Previews

White Background



This preview shows how the CIE LCh color 91, 48.290, 151.008 looks on a white background.

Color Contrast Check

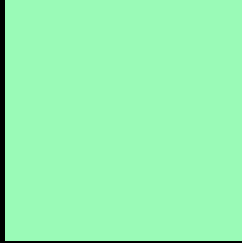
Large Text (above 18pt) WCAG AA × Fail

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 91, 48.290, 151.008 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 91, 48.290, 151.008

Background



This preview shows how black text looks on a background with the CIELCh color 91, 48.290, 151.008.

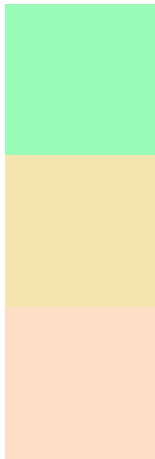


This preview shows how white text looks on a background with the CIELCh color 91, 48.290, 151.008.

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
91, 48.290, 151.008

Protanopia
91, 28.991, 95.336

Deuteranopia
91, 17.020, 61.669

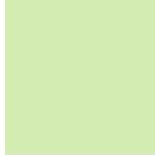


Tritanopia
91, 20.196, 224.419

Trichromacy



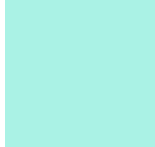
Original Color
91, 48.290, 151.008



Protanomaly
90, 31.732, 125.126



Deuteranomaly
90, 20.306, 123.496

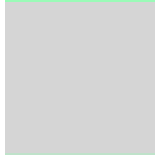


Tritanomaly
91, 24.967, 182.027

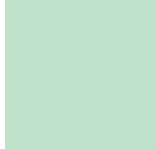
Monochromacy



Original Color
91, 48.290, 151.008



Achromatopsia
85, 0.010, 296.813



Achromatomaly
87, 17.888, 153.738

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 48.290, 151.008 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(154, 250, 183)` looks like.

```
.text, #text, p{  
    color:rgb(154, 250, 183)  
}
```

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(154, 250, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 250, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 48.290, 151.008 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(154, 250, 183) }
```

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

```
.border{ border-color:rgb(154, 250, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 250, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 250, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 250, 183);  
box-shadow:4px 4px 4px 4px rgb(154, 250,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 48.290, 151.008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 250, 183) }
```

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

```
.background{ background-color: rgb(154,  
250, 183) }
```

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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