

Converting Colors

CIELCh(90, 48.023, 151.342)

Have a look what the booklet for
CIELCh(90, 48.023, 151.342)
contains.

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Color

CIELCh(90, 47.992, 151.360)

Conversions

Conversions Part 1

Format	Color
Hex	97F7B5
RGB	151, 247, 181
RGB Percent	59%, 97%, 71%
CMY	0.4085, 0.0321, 0.2909
CMYK	0.39, 0.00, 0.27, 0.03
HSL	139°, 85%, 78%
HSV	139°, 39%, 97%
XYZ	54.2589, 76.3034, 55.4933
YIQ	210.7720, -36.0300, -40.8780

Conversions

Conversions Part 2

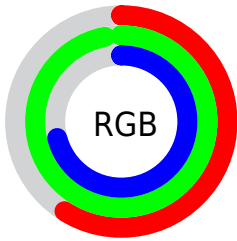
Format	Color
RYB	151, 224, 247
Decimal	9959349
CIELab	90.00, -42.12, 23.00
CIELCh	90, 47.992, 151.360
Yxy	76.3034, 0.2916, 0.4101
Android (android.graphics.Color)	4288149429 (0xFF97F7B5)
YUV	210.7720, -14.6776, -52.4200
Hunter-Lab	87.3518, -41.9898, 23.4802

Details

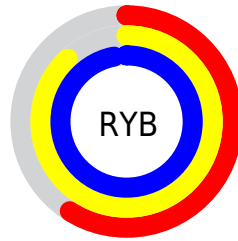
The CIELCh color **90, 47.992, 151.360** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **74, 48.603, 337.786**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 18.737, 168.759**, and **70, 47.923, 151.453** is the 20% darker color. If you saturate the color by 10%, you get **89, 59.621, 150.123**, and if you desaturate by 10%, it is **92, 35.874, 152.434**.

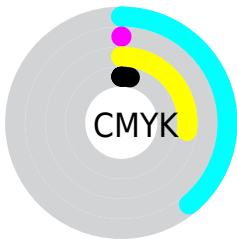
Distribution



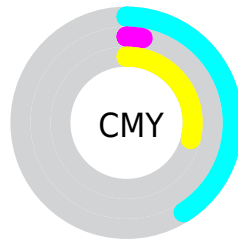
- Red (59%)
- Green (97%)
- Blue (71%)



- Red (59%)
- Yellow (88%)
- Blue (97%)



- Cyan (39%)
- Magenta (0%)
- Yellow (27%)
- Black (3%)





- Cyan (41%)
- Magenta (3%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 47.992, 151.360 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 90, 47.992, 151.360 by changing the saturation by 10% instead.


 90, 47.992,
151.360


 90, 47.992,
151.360


 100, 47.992,
151.360


 80, 47.992,
151.360

 70, 47.992,
151.360

 60, 47.992,
151.360

 50, 47.992,
151.360

 40, 47.992,
151.360

 30, 47.992,
151.360

 20, 47.992,

151.360

■ 10, 47.992,
151.360

■ 0, 47.992, 151.360

■ 90, 47.992,
151.360

■ 90, 47.992,
151.360

■ 89, 59.621,
150.123

■ 92, 35.874,
152.434

■ 88, 70.517,
148.704

■ 93, 23.485,
153.370

■ 87, 80.448,
147.093

■ 95, 11.019,
154.199

■ 86, 89.214,
145.296

■ 97, 1.373, 334.580

■ 98, 5.090, 324.558

■ 86, 96.682,
143.350

■ 86, 102.830,
141.356

■ 85, 103.451,
141.150

Harmonies

Complementary

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



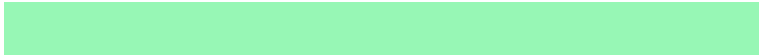
90, 47.992, 151.360



74, 48.603, 337.786

Rectangle

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



90, 47.992, 151.360



90, 47.992, 201.360



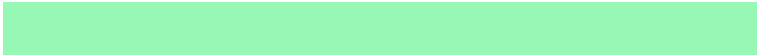
90, 47.992, 331.360



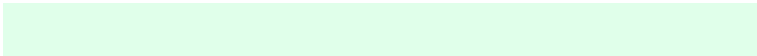
90, 47.992, 21.360

Sweetspot

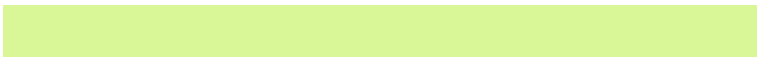
The Sweet Spot groups the original color and five complimentary colors.



90, 47.993, 151.360



97, 15.288, 153.948



93, 49.489, 119.537



52, 10.146, 153.841



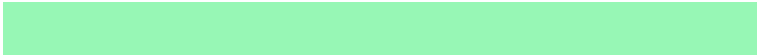
0, 0.000, 0.000



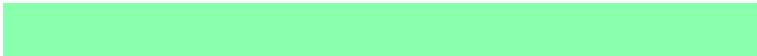
53, 0.007, 296.813

Same Dimension

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



90, 47.993, 151.360



92, 59.000, 150.360



91, 32.700, 179.491



50, 6.997, 154.152



66, 82.988, 141.524



21, 34.294, 144.779

Inverse Universe

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



74, 48.603, 337.786



72, 59.638, 338.541



73, 38.657, 8.072



48, 7.035, 335.426



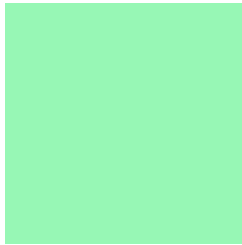
41, 72.289, 345.835



10, 33.012, 342.828

Previews

White Background



This preview shows how the CIE LCh color 90, 47.992, 151.360 looks on a white background.

Color Contrast Check

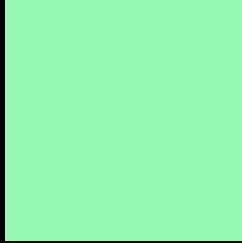
Large Text (above 18pt) WCAG AA × Fail

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 90, 47.992, 151.360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

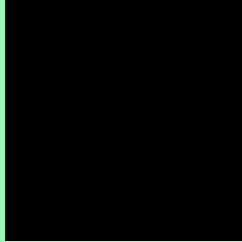
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

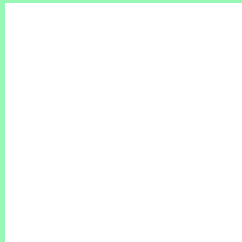
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 47.992, 151.360

Background



This preview shows how black text looks on a background with the CIELCh color 90, 47.992, 151.360.

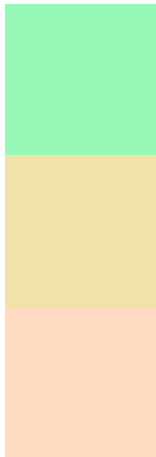


This preview shows how white text looks on a background with the CIELCh color 90, 47.992, 151.360.

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
90, 47.992, 151.360

Protanopia
90, 28.562, 95.130

Deuteranopia
90, 19.003, 60.694

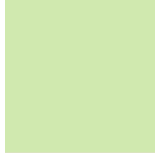


Tritanopia
90, 22.665, 222.754

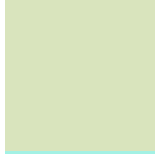
Trichromacy



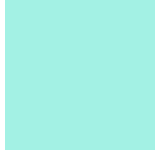
Original Color
90, 47.992, 151.360



Protanomaly
89, 31.322, 125.405



Deuteranomaly
89, 20.597, 120.110

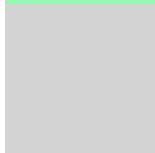


Tritanomaly
90, 26.666, 182.907

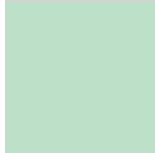
Monochromacy



Original Color
90, 47.992, 151.360



Achromatopsia
85, 0.010, 296.813



Achromatomaly
86, 17.918, 153.727

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 47.992, 151.360 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, 247, 181)` looks like.

```
.text, #text, p{  
    color:rgb(151, 247, 181)  
}
```

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, 247, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 247, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 47.992, 151.360 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, 247, 181) }
```

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

```
.border{ border-color:rgb(151, 247, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 247, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 247, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 247, 181);  
box-shadow:4px 4px 4px 4px rgb(151, 247,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 47.992, 151.360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 247, 181) }
```

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

```
.background{ background-color: rgb(151,  
247, 181) }
```

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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