

Converting Colors

CIELCh(91, 53.616, 140.190)

Have a look what the booklet for
CIELCh(91, 53.616, 140.190)
contains.

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Color

CIELCh(91, 53.839, 139.975)

Conversions

Conversions Part 1

Format	Color
Hex	A8F9A1
RGB	168, 249, 161
RGB Percent	66%, 98%, 63%
CMY	0.3420, 0.0244, 0.3694
CMYK	0.33, 0.00, 0.35, 0.02
HSL	115°, 88%, 80%
HSV	115°, 35%, 98%
XYZ	56.3263, 78.4833, 45.8044
YIQ	214.7490, -20.0280, -44.5400

Conversions

Conversions Part 2

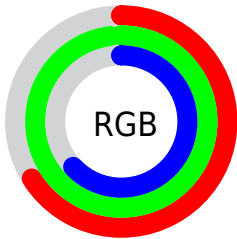
Format	Color
RYB	161, 249, 242
Decimal	11073953
CIELab	91.00, -41.23, 34.63
CIELCh	91, 53.839, 139.975
Yxy	78.4833, 0.3119, 0.4345
Android (android.graphics.Color)	4289264033 (0xFFA8F9A1)
YUV	214.7490, -26.4983, -40.9989
Hunter-Lab	88.5908, -41.5432, 31.3586

Details

The CIELCh color **91, 53.839, 139.975** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **77, 54.093, 324.031**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 22.675, 137.171**, and **71, 53.934, 139.766** is the 20% darker color. If you saturate the color by 10%, you get **90, 68.420, 139.109**, and if you desaturate by 10%, it is **93, 38.736, 140.755**.

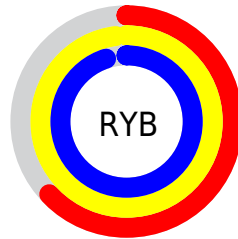
Distribution



Red (66%)

Green (98%)

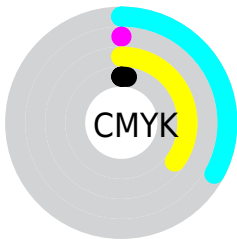
Blue (63%)



Red (63%)

Yellow (98%)

Blue (95%)

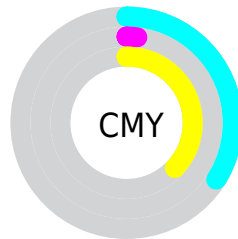


Cyan (33%)

Magenta (0%)

Yellow (35%)

Black (2%)



Cyan (34%)


Magenta (2%)


Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 53.839, 139.975 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, 53.839, 139.975 by changing the saturation by 10% instead.


 91, 53.839,
139.975


 91, 53.839,
139.975


 100, 53.839,
139.975


 81, 53.839,
139.975

 71, 53.839,
139.975

 61, 53.839,
139.975


 51, 53.839,
139.975

 41, 53.839,
139.975


 31, 53.839,
139.975


 21, 53.839,


139.975


 11, 53.839,
139.975


 1, 53.839, 139.975


 91, 53.839,
139.975


 91, 53.839,
139.975

 90, 68.420,
139.109


 93, 38.736,
140.755

 88, 82.066,
138.185

 95, 23.420,
141.439

 87, 94.257,
137.272

 97, 8.127, 142.046

 87, 104.366,
136.478

 98, 3.869, 324.497

■ 86, 111.752,
135.943

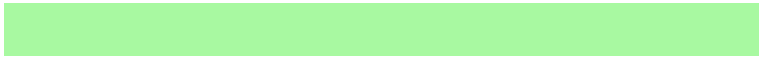
■ 86, 116.012,
135.774

■ 86, 117.140,
135.756

Harmonies

Complementary

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



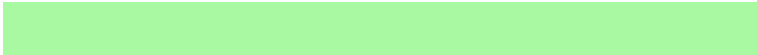
91, 53.839, 139.975



77, 54.093, 324.031

Rectangle

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



91, 53.839, 139.975



91, 53.839, 189.975



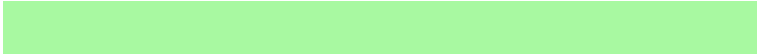
91, 53.839, 319.975



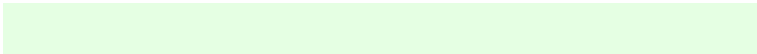
91, 53.839, 9.975

Sweetspot

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



91, 53.841, 139.975



98, 17.067, 141.709



94, 40.886, 102.860



52, 11.476, 141.626



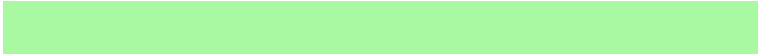
0, 0.000, 0.000



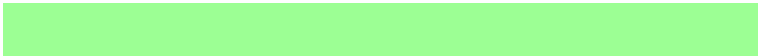
53, 0.007, 296.813

Same Dimension

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



91, 53.841, 139.975



92, 64.875, 139.404



91, 40.572, 156.158



51, 8.668, 141.800



67, 95.074, 135.680



22, 41.822, 135.915

Inverse Universe

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



77, 54.093, 324.031



75, 65.151, 324.330



76, 41.667, 342.511



49, 8.693, 322.745



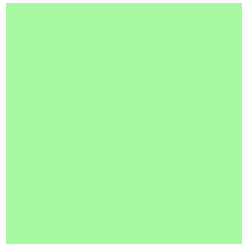
42, 92.606, 325.133



10, 41.865, 325.517

Previews

White Background



This preview shows how the CIE LCh color 91, 53.839, 139.975 looks on a white background.

Color Contrast Check

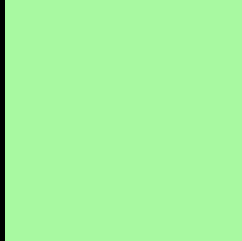
Large Text (above 18pt) WCAG AA × Fail

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, 53.839, 139.975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

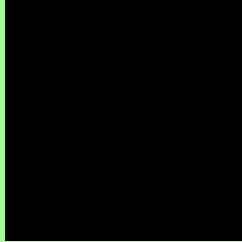
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 53.839, 139.975

Background



This preview shows how black text looks on a background with the CIELCh color 91, 53.839, 139.975.

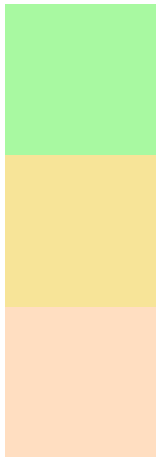


This preview shows how white text looks on a background with the CIELCh color 91, 53.839, 139.975.

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, 53.839, 139.975

Protanopia
91, 39.644, 95.824

Deuteranopia
90, 19.747, 68.925

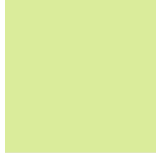


Tritanopia
91, 18.335, 229.312

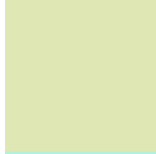
Trichromacy



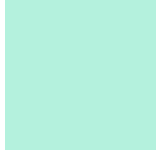
Original Color
91, 53.839, 139.975



Protanomaly
90, 41.762, 116.575



Deuteranomaly
90, 26.436, 115.511

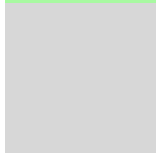


Tritanomaly
91, 23.477, 171.592

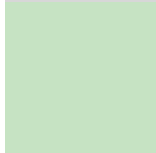
Monochromacy



Original Color
91, 53.839, 139.975



Achromatopsia
86, 0.010, 296.813



Achromatomaly
87, 19.843, 141.138

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 53.839, 139.975 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(168, 249, 161)` looks like.

```
.text, #text, p{  
    color:rgb(168, 249, 161)  
}
```

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(168, 249, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 249, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 53.839, 139.975 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(168, 249, 161) }
```

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

```
.border{ border-color:rgb(168, 249, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 249, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 249, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 249, 161); box-shadow:4px 4px 4px 4px rgb(168, 249, 161) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 53.839, 139.975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 249, 161) }
```

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

```
.background{ background-color: rgb(168,  
249, 161) }
```

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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