

Converting Colors

CIELCh(90, 68.279, 141.554)

Have a look what the booklet for
CIELCh(90, 68.279, 141.554)
contains.

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Color

CIELCh(90, 68.243, 141.573)

Conversions

Conversions Part 1

Format	Color
Hex	8BFB8E
RGB	139, 251, 142
RGB Percent	55%, 98%, 56%
CMY	0.4556, 0.0164, 0.4438
CMYK	0.45, 0.00, 0.43, 0.02
HSL	122°, 93%, 76%
HSV	122°, 45%, 98%
XYZ	49.9285, 76.3034, 37.6232
YIQ	205.0860, -31.7630, -57.6430

Conversions

Conversions Part 2

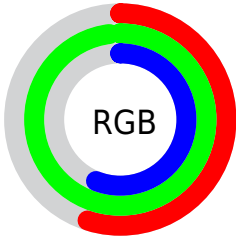
Format	Color
RYB	139, 248, 251
Decimal	9173902
CIELab	90.00, -53.46, 42.41
CIElCh	90, 68.243, 141.573
Yxy	76.3034, 0.3047, 0.4657
Android (android.graphics.Color)	4287363982 (0xFF8BFB8E)
YUV	205.0860, -31.1014, -57.9574
Hunter-Lab	87.3518, -50.8386, 35.6095

Details

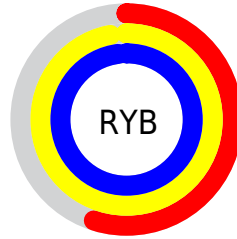
The CIELCh color **90, 68.243, 141.573** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **73, 67.985, 327.598**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 36.360, 142.932**, and **70, 68.315, 141.626** is the 20% darker color. If you saturate the color by 10%, you get **89, 82.013, 140.437**, and if you desaturate by 10%, it is **91, 53.494, 142.596**.

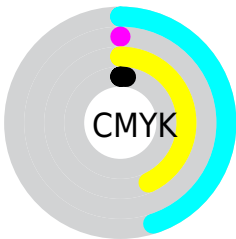
Distribution



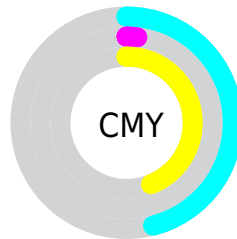
- Red (55%)
- Green (98%)
- Blue (56%)



- Red (55%)
- Yellow (97%)
- Blue (98%)



- Cyan (45%)
- Magenta (0%)
- Yellow (43%)
- Black (2%)





- Cyan (46%)
- Magenta (2%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 68.243, 141.573 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, 68.243, 141.573 by changing the saturation by 10% instead.


 90, 68.243,
141.573


 90, 68.243,
141.573


 100, 68.243,
141.573


 80, 68.243,
141.573

 70, 68.243,
141.573

 60, 68.243,
141.573


 50, 68.243,
141.573

 40, 68.243,
141.573


 30, 68.243,
141.573


 20, 68.243,


141.573


 10, 68.243,
141.573

 0, 68.243, 141.573


 90, 68.243,
141.573


 90, 68.243,
141.573


 89, 82.013,
140.437


 91, 53.494,
142.596

 88, 94.296,
139.236

 93, 38.184,
143.491

 87, 104.515,
138.064

 95, 22.648,
144.262

 87, 112.088,
137.057

 97, 7.142, 144.942

 99, 2.601, 324.414

■ 87,116.611,
136.359

■ 86,117.860,
136.165

Harmonies

Complementary

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



90, 68.243, 141.573



73, 67.985, 327.598

Rectangle

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



90, 68.243, 141.573



90, 68.243, 191.573



90, 68.243, 321.573



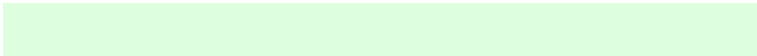
90, 68.243, 11.573

Sweetspot

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



90, 68.244, 141.573



97, 20.346, 144.378



96, 55.510, 106.649



51, 14.252, 144.221



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, 68.244, 141.573



90, 82.237, 140.509



91, 46.934, 159.917



51, 8.733, 144.619



67, 95.021, 136.229



21, 41.901, 137.554

Inverse Universe

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



73, 67.985, 327.598



70, 81.530, 328.042



71, 49.664, 349.326



49, 8.747, 325.676



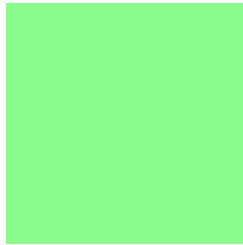
45, 90.230, 329.333



11, 40.933, 329.191

Previews

White Background



This preview shows how the CIE LCh color 90, 68.243, 141.573 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, 68.243, 141.573 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, 68.243, 141.573

Background



This preview shows how black text looks on a background with the CIELCh color 90, 68.243, 141.573.



This preview shows how white text looks on a background with the CIELCh color 90, 68.243, 141.573.

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



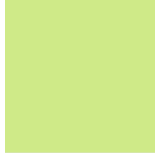


Tritanopia
90, 23.417, 221.876

Trichromacy



Original Color
90, 68.243, 141.573



Protanomaly
89, 50.657, 118.363



Deuteranomaly
89, 33.579, 119.431

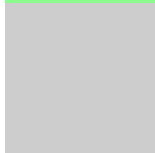


Tritanomaly
90, 32.200, 170.365

Monochromacy



Original Color
90, 68.243, 141.573



Achromatopsia
82, 0.010, 296.813



Achromatomaly
85, 25.932, 143.922

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 68.243, 141.573 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(139, 251, 142)` looks like.

```
.text, #text, p{  
    color:rgb(139, 251, 142)  
}
```

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(139, 251, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 251, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 68.243, 141.573 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(139, 251, 142) }
```

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

```
.border{ border-color:rgb(139, 251, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 251, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 251, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 251, 142);  
box-shadow:4px 4px 4px 4px rgb(139, 251,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 68.243, 141.573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 251, 142) }
```

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

```
.background{ background-color: rgb(139,  
251, 142) }
```

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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