

Converting Colors

CIELCh(91, 70.034, 144.110)

Have a look what the booklet for
CIELCh(91, 70.034, 144.110)
contains.

CIELCh(91, 70.034, 144.110)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(91, 70.034, 144.110)

Conversions

Conversions Part 1

Format	Color
Hex	82FF93
RGB	130, 255, 147
RGB Percent	51%, 100%, 58%
CMY	0.4896, 0.0000, 0.4230
CMYK	0.49, 0.00, 0.42, 0.00
HSL	128°, 100%, 76%
HSV	128°, 49%, 100%
XYZ	50.3136, 78.4833, 40.1569
YIQ	205.3130, -39.8320, -60.0880

Conversions

Conversions Part 2

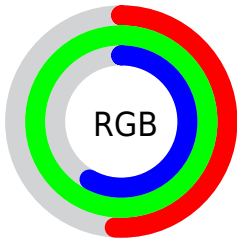
Format	Color
RYB	130, 240, 255
Decimal	8585107
CIELab	91.00, -56.74, 41.06
CIELCh	91, 70.034, 144.110
Yxy	78.4833, 0.2978, 0.4645
Android (android.graphics.Color)	4286775187 (0xFF82FF93)
YUV	205.3130, -28.7483, -66.0495
Hunter-Lab	88.5908, -53.6581, 35.1383

Details

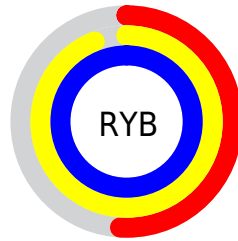
The CIELCh color **91, 70.034, 144.110** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **72, 69.603, 331.403**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 36.012, 148.501**, and **71, 69.699, 144.246** is the 20% darker color. If you saturate the color by 10%, you get **90, 82.621, 142.827**, and if you desaturate by 10%, it is **92, 56.326, 145.263**.

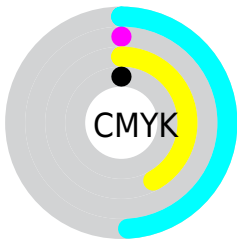
Distribution



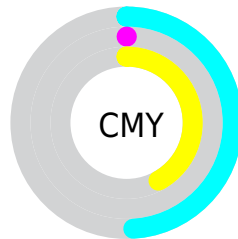
- Red (51%)
- Green (100%)
- Blue (58%)



- Red (51%)
- Yellow (94%)
- Blue (100%)



- Cyan (49%)
- Magenta (0%)
- Yellow (42%)
- Black (0%)





- Cyan (49%)
- Magenta (0%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 70.034, 144.110 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, 70.034, 144.110 by changing the saturation by 10% instead.


 91, 70.034,
144.110


 91, 70.034,
144.110


 100, 70.034,
144.110


 81, 70.034,
144.110

 71, 70.034,
144.110

 61, 70.034,
144.110


 51, 70.034,
144.110

 41, 70.034,
144.110


 31, 70.034,
144.110


 21, 70.034,


144.110


 11, 70.034,
144.110


 1, 70.034, 144.110


 91, 70.034,
144.110


 91, 70.034,
144.110


 90, 82.621,
142.827


 92, 56.326,
145.263

 89, 93.945,
141.411

 94, 42.093,
146.257

 88, 103.530,
139.932

 96, 27.556,
147.114

 88, 111.002,
138.493

 98, 12.961,
147.857

■ 88, 116.114,
137.252

100, 0.012,
296.813

■ 88, 116.524,
137.152

Harmonies

Complementary

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



91, 70.034, 144.110



72, 69.603, 331.403

Rectangle

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



91, 70.034, 144.110



91, 70.034, 194.110



91, 70.034, 324.110



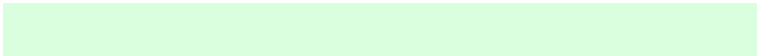
91, 70.034, 14.110

Sweetspot

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



91, 69.953, 144.119



97, 21.772, 147.420



97, 61.638, 111.695



51, 14.866, 147.259



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, 69.953, 144.119



90, 82.669, 142.821



92, 46.772, 166.113



52, 8.227, 147.819



68, 93.366, 137.368



23, 40.867, 139.485

Inverse Universe

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



72, 69.603, 331.403



67, 81.480, 332.026



70, 52.245, 357.768



50, 8.247, 328.936



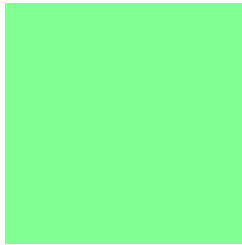
44, 83.656, 334.527



12, 38.979, 333.668

Previews

White Background



This preview shows how the CIE LCh color 91, 70.034, 144.110 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, 70.034, 144.110 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

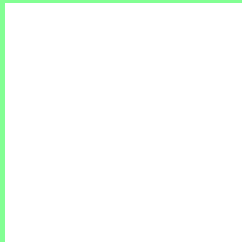
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 70.034, 144.110

Background



This preview shows how black text looks on a background with the CIELCh color 91, 70.034, 144.110.



This preview shows how white text looks on a background with the CIELCh color 91, 70.034, 144.110.

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
91, 22.114, 220.407

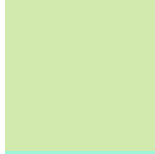
Trichromacy



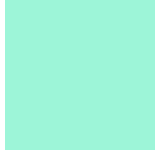
Original Color
91, 70.034, 144.110



Protanomaly
90, 50.551, 120.659



Deuteranomaly
90, 32.148, 124.201

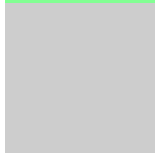


Tritanomaly
91, 33.209, 170.258

Monochromacy



Original Color
91, 70.034, 144.110



Achromatopsia
82, 0.010, 296.813



Achromatomaly
85, 26.363, 146.943

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 70.034, 144.110 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(130, 255, 147)` looks like.

```
.text, #text, p{  
    color:rgb(130, 255, 147)  
}
```

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(130, 255, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 255, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 70.034, 144.110 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(130, 255, 147) }
```

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

```
.border{ border-color:rgb(130, 255, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 255, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 255, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 255, 147);  
box-shadow:4px 4px 4px 4px rgb(130, 255,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 70.034, 144.110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 255, 147) }
```

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

```
.background{ background-color: rgb(130,  
255, 147) }
```

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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