

Converting Colors

CIELCh(91, 65.214, 141.240)

Have a look what the booklet for
CIELCh(91, 65.214, 141.240)
contains.

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Color

CIELCh(91, 65.274, 141.211)

Conversions

Conversions Part 1

Format	Color
Hex	94FD94
RGB	148, 253, 148
RGB Percent	58%, 99%, 58%
CMY	0.4206, 0.0089, 0.4206
CMYK	0.42, 0.00, 0.42, 0.01
HSL	120°, 96%, 79%
HSV	120°, 42%, 99%
XYZ	52.5320, 78.4833, 40.2956
YIQ	209.6350, -28.8750, -54.9150

Conversions

Conversions Part 2

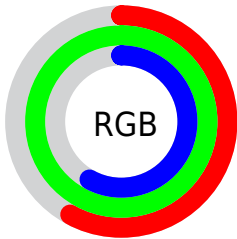
Format	Color
RYB	148, 253, 253
Decimal	9764244
CIELab	91.00, -50.88, 40.89
CIELCh	91, 65.274, 141.211
Yxy	78.4833, 0.3066, 0.4581
Android (android.graphics.Color)	4287954324 (0xFF94FD94)
YUV	209.6350, -30.3861, -54.0539
Hunter-Lab	88.5908, -49.1882, 35.0455

Details

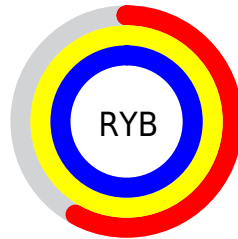
The CIELCh color **91, 65.274, 141.211** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **75, 65.109, 326.674**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 31.982, 141.669**, and **71, 65.369, 141.364** is the 20% darker color. If you saturate the color by 10%, you get **90, 79.682, 140.128**, and if you desaturate by 10%, it is **93, 49.969, 142.184**.

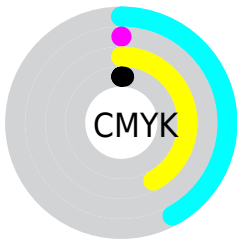
Distribution



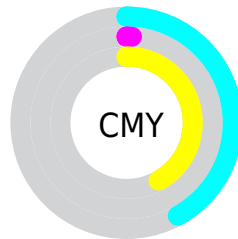
- Red (58%)
- Green (99%)
- Blue (58%)



- Red (58%)
- Yellow (99%)
- Blue (99%)



- Cyan (42%)
- Magenta (0%)
- Yellow (42%)
- Black (1%)





- Cyan (42%)
- Magenta (1%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 65.274, 141.211 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, 65.274, 141.211 by changing the saturation by 10% instead.


 91, 65.274,
141.211


 91, 65.274,
141.211


 100, 65.274,
141.211


 81, 65.274,
141.211

 71, 65.274,
141.211

 61, 65.274,
141.211


 51, 65.274,
141.211

 41, 65.274,
141.211


 31, 65.274,
141.211


 21, 65.274,


141.211


 11, 65.274,
141.211


 1, 65.274, 141.211


 91, 65.274,
141.211


 91, 65.274,
141.211


 90, 79.682,
140.128


 93, 49.969,
142.184

 89, 92.668,
138.980

 94, 34.185,
143.033

 88, 103.615,
137.862

 97, 18.253,
143.764

 87, 111.871,
136.913

 99, 2.416, 144.488

 99, 1.413, 324.272

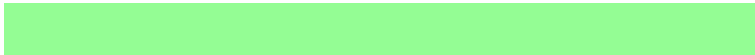
■ 87,116.940,
136.281

■ 87,118.969,
136.017

Harmonies

Complementary

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



91, 65.274, 141.211



75, 65.109, 326.674

Rectangle

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



91, 65.274, 141.211



91, 65.274, 191.211



91, 65.274, 321.211



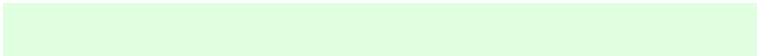
91, 65.274, 11.211

Sweetspot

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



91, 65.275, 141.211



97, 19.115, 143.733



97, 52.177, 106.158



52, 12.688, 143.643



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, 65.275, 141.211



91, 78.094, 140.299



92, 44.775, 159.451



52, 9.042, 143.901



68, 96.471, 136.017



22, 43.821, 136.780

Inverse Universe

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



75, 65.109, 326.674



72, 77.655, 327.068



74, 47.023, 347.889



50, 9.056, 324.952



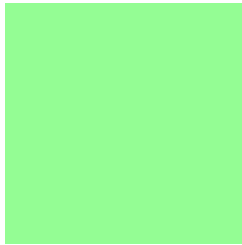
45, 93.069, 328.240



12, 42.817, 328.239

Previews

White Background



This preview shows how the CIE LCh color 91, 65.274, 141.211 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, 65.274, 141.211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

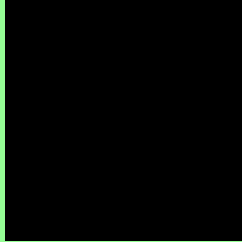
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 65.274, 141.211

Background



This preview shows how black text looks on a background with the CIELCh color 91, 65.274, 141.211.

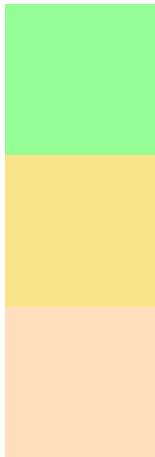


This preview shows how white text looks on a background with the CIELCh color 91, 65.274, 141.211.

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, 65.274, 141.211

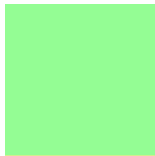
Protanopia
91, 46.606, 95.760

Deuteranopia
90, 20.998, 71.412

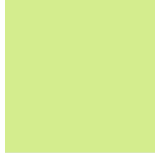


Tritanopia
91, 20.455, 224.051

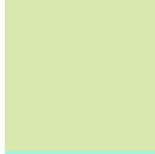
Trichromacy



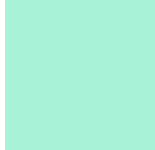
Original Color
91, 65.274, 141.211



Protanomaly
90, 48.980, 117.945



Deuteranomaly
90, 30.483, 120.076

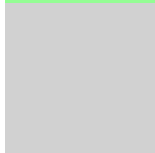


Tritanomaly
90, 29.267, 168.857

Monochromacy



Original Color
91, 65.274, 141.211



Achromatopsia
84, 0.010, 296.813



Achromatomaly
86, 24.363, 143.390

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 65.274, 141.211 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(148, 253, 148)` looks like.

```
.text, #text, p{  
    color:rgb(148, 253, 148)  
}
```

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(148, 253, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 253, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 65.274, 141.211 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(148, 253, 148) }
```

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

```
.border{ border-color:rgb(148, 253, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 253, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 253, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 253, 148);  
box-shadow:4px 4px 4px 4px rgb(148, 253,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 65.274, 141.211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 253, 148) }
```

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

```
.background{ background-color: rgb(148,  
253, 148) }
```

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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