

Converting Colors

CIELCh(91, 79.131, 140.093)

Have a look what the booklet for
CIELCh(91, 79.131, 140.093)
contains.

CIELCh(91, 78.214, 140.122)	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, 78.214, 140.122)

Conversions

Conversions Part 1

Format	Color
Hex	81FF80
RGB	129, 255, 128
RGB Percent	51%, 100%, 50%
CMY	0.4935, 0.0000, 0.4979
CMYK	0.49, 0.00, 0.50, 0.00
HSL	119°, 100%, 75%
HSV	119°, 50%, 100%
XYZ	49.0977, 78.4833, 32.9945
YIQ	202.8480, -34.3290, -66.2090

Conversions

Conversions Part 2

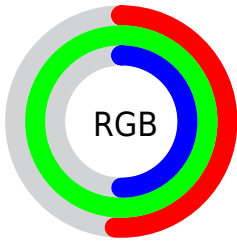
Format	Color
RYB	128, 255, 254
Decimal	8519552
CIELab	91.00, -60.02, 50.15
CIELCh	91, 78.214, 140.122
Yxy	78.4833, 0.3058, 0.4888
Android (android.graphics.Color)	4286709632 (0xFF81FF80)
YUV	202.8480, -36.9001, -64.7647
Hunter-Lab	88.5908, -56.1079, 39.9317

Details

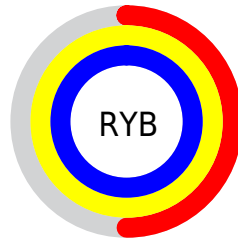
The CIELCh color **91, 78.214, 140.122** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **72, 77.252, 326.788**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 43.919, 140.439**, and **71, 77.528, 140.131** is the 20% darker color. If you saturate the color by 10%, you get **90, 90.989, 139.029**, and if you desaturate by 10%, it is **92, 62.934, 141.194**.

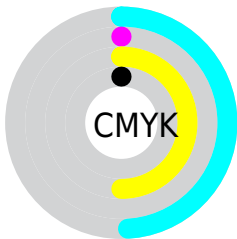
Distribution



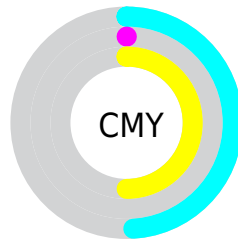
- Red (51%)
- Green (100%)
- Blue (50%)



- Red (50%)
- Yellow (100%)
- Blue (100%)



- Cyan (49%)
- Magenta (0%)
- Yellow (50%)
- Black (0%)





- Cyan (49%)
- Magenta (0%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 78.214, 140.122 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, 78.214, 140.122 by changing the saturation by 10% instead.


 91, 78.214,
140.122


 91, 78.214,
140.122


 100, 78.214,
140.122


 81, 78.214,
140.122

 71, 78.214,
140.122

 61, 78.214,
140.122


 51, 78.214,
140.122

 41, 78.214,
140.122


 31, 78.214,
140.122


 21, 78.214,


140.122


 11, 78.214,
140.122


 1, 78.214, 140.122


 91, 78.214,
140.122


 91, 78.214,
140.122


 90, 90.989,
139.029


 92, 62.934,
141.194


 89, 102.437,
137.927

 94, 47.437,
142.130

 88, 111.301,
136.972

 96, 31.532,
142.946

 88, 117.024,
136.314

 98, 15.530,
143.650

■ 88, 119.695,
135.997

100, 0.012,
296.813

■ 88, 119.738,
135.992

Harmonies

Complementary

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



91, 78.214, 140.122



72, 77.252, 326.788

Rectangle

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



91, 78.214, 140.122



91, 78.214, 190.122



91, 78.214, 320.122



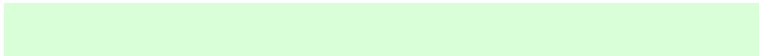
91, 78.214, 10.122

Sweetspot

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



91, 77.619, 140.147



97, 23.864, 143.296



97, 61.318, 104.654



51, 16.294, 143.145



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, 77.619, 140.147



90, 91.251, 139.006



92, 54.046, 157.486



52, 9.017, 143.669



68, 96.428, 135.981



22, 43.752, 136.655

Inverse Universe

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



72, 77.252, 326.788



68, 90.324, 327.192



70, 56.737, 348.050



50, 9.032, 324.707



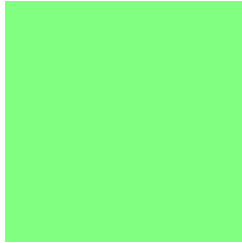
45, 93.116, 327.883



12, 42.836, 327.925

Previews

White Background



This preview shows how the CIE LCh color 91, 78.214, 140.122 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, 78.214, 140.122 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

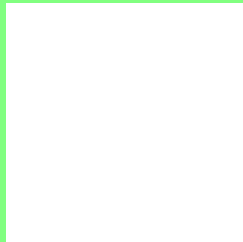
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 78.214, 140.122

Background



This preview shows how black text looks on a background with the CIELCh color 91, 78.214, 140.122.

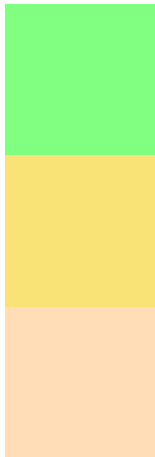


This preview shows how white text looks on a background with the CIELCh color 91, 78.214, 140.122.

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, 77.660, 140.163

Protanopia
90, 55.731, 95.709

Deuteranopia
90, 23.854, 74.728

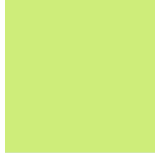


Tritanopia
90, 22.768, 221.157

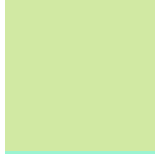
Trichromacy



Original Color
91, 77.660, 140.163



Protanomaly
89, 58.717, 117.759



Deuteranomaly
89, 37.028, 121.756

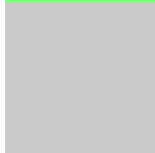


Tritanomaly
90, 35.296, 166.105

Monochromacy



Original Color
91, 77.660, 140.163



Achromatopsia
82, 0.010, 296.813



Achromatomaly
84, 29.595, 143.104

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 78.214, 140.122 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(129, 255, 128)` looks like.

```
.text, #text, p{  
    color:rgb(129, 255, 128)  
}
```

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(129, 255, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 255, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 78.214, 140.122 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(129, 255, 128) }
```

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

```
.border{ border-color:rgb(129, 255, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 255, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 255, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 255, 128);  
box-shadow:4px 4px 4px 4px rgb(129, 255,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 78.214, 140.122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 255, 128) }
```

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

```
.background{ background-color: rgb(129,  
255, 128) }
```

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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