

Converting Colors

CIELCh(88, 78.822, 139.720)

Have a look what the booklet for
CIELCh(88, 78.822, 139.720)
contains.

CIELCh(88, 78.664, 139.613)	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(88, 78.664, 139.613)

Conversions

Conversions Part 1

Format	Color
Hex	79F776
RGB	121, 247, 118
RGB Percent	47%, 97%, 46%
CMY	0.5245, 0.0304, 0.5364
CMYK	0.51, 0.00, 0.52, 0.03
HSL	119°, 89%, 72%
HSV	119°, 52%, 97%
XYZ	44.5377, 72.0653, 28.7712
YIQ	194.6200, -33.6870, -66.8310

Conversions

Conversions Part 2

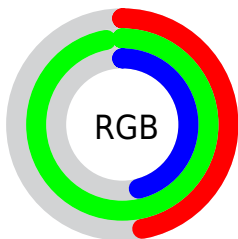
Format	Color
R_{YB}	118, 247, 244
Decimal	7993206
CIE _{Lab}	88.00, -59.92, 50.97
CIE _{LCh}	88, 78.664, 139.613
Yxy	72.0653, 0.3064, 0.4957
Android (android.graphics.Color)	4286183286 (0xFF79F776)
YUV	194.6200, -37.7737, -64.5647
Hunter-Lab	84.8913, -54.9109, 39.3294

Details

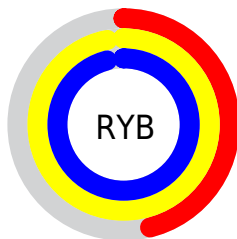
The CIELCh color **88, 78.664, 139.613** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **69, 78.325, 326.442**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 49.736, 139.780**, and **68, 78.856, 139.599** is the 20% darker color. If you saturate the color by 10%, you get **87, 91.333, 138.534**, and if you desaturate by 10%, it is **89, 64.619, 140.646**.

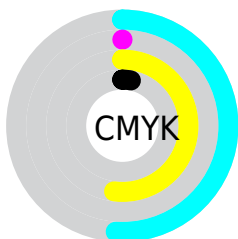
Distribution



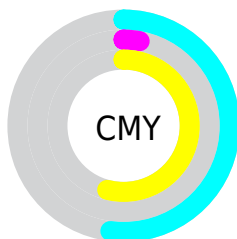
- Red (47%)
- Green (97%)
- Blue (46%)



- Red (46%)
- Yellow (97%)
- Blue (96%)



- Cyan (51%)
- Magenta (0%)
- Yellow (52%)
- Black (3%)



- Cyan (52%)
- Magenta (3%)
- Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 78.664, 139.613 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 88, 78.664, 139.613 by changing the saturation by 10% instead.


 88, 78.664,
139.613


 88, 78.664,
139.613


 100, 78.664,
139.613


 78, 78.664,
139.613

 68, 78.664,
139.613

 58, 78.664,
139.613

 48, 78.664,
139.613

 38, 78.664,
139.613

 28, 78.664,
139.613

 18, 78.664,


139.613

 8, 78.664, 139.613


 0, 78.664, 139.613


 88, 78.664,
139.613


 88, 78.664,
139.613


 87, 91.333,
138.534


 89, 64.619,
140.646


 86, 102.017,
137.504


 91, 49.702,
141.582

 86, 110.072,
136.662

 93, 34.320,
142.405

 85, 115.013,
136.147

 95, 18.786,
143.116

 85, 116.900,

 97, 3.335, 143.789

135.949



98, 4.827, 324.546

Harmonies

Complementary

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



88, 78.664, 139.613



69, 78.325, 326.442

Rectangle

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



88, 78.664, 139.613



88, 78.664, 189.613



88, 78.664, 319.613



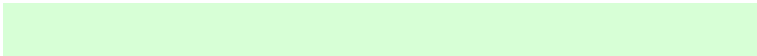
88, 78.664, 9.613

Sweetspot

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



88, 78.665, 139.613



96, 25.343, 142.855



94, 61.537, 103.652



51, 17.122, 142.709



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



88, 78.665, 139.613



89, 94.596, 138.436



89, 55.785, 156.331



50, 8.678, 143.293



66, 94.427, 135.920



20, 40.894, 137.046

Inverse Universe

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



69, 78.325, 326.442



66, 93.605, 326.835



67, 58.263, 347.388



48, 8.695, 324.306



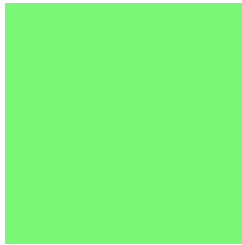
43, 91.323, 327.308



10, 40.597, 327.430

Previews

White Background



This preview shows how the CIELCh color 88, 78.664, 139.613 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 88, 78.664, 139.613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

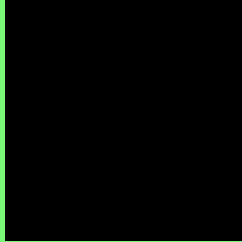
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 78.664, 139.613

Background



This preview shows how black text looks on a background with the CIELCh color 88, 78.664, 139.613.

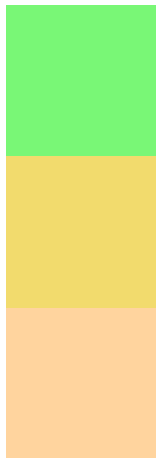


This preview shows how white text looks on a background with the CIELCh color 88, 78.664, 139.613.

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
88, 78.664, 139.613

Protanopia
87, 56.423, 95.544

Deuteranopia
87, 33.313, 76.268

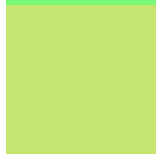


Tritanopia
88, 26.715, 219.910

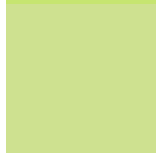
Trichromacy



Original Color
88, 78.664, 139.613



Protanomaly
87, 59.837, 117.441



Deuteranomaly
86, 42.156, 116.995



Tritanomaly
88, 37.600, 167.792

Monochromacy



Original Color
88, 78.664, 139.613



Achromatopsia
79, 0.010, 296.813



Achromatomaly
81, 30.241, 142.489

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 78.664, 139.613 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(121, 247, 118)` looks like.

```
.text, #text, p{  
    color:rgb(121, 247, 118)  
}
```

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(121, 247, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 247, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 78.664, 139.613 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(121, 247, 118) }
```

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

```
.border{ border-color:rgb(121, 247, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 247, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 247, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 247, 118);  
box-shadow:4px 4px 4px 4px rgb(121, 247,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 78.664, 139.613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 247, 118) }
```

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

```
.background{ background-color: rgb(121,  
247, 118) }
```

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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