

Converting Colors

CIELCh(89, 62.768, 140.898)

Have a look what the booklet for
CIELCh(89, 62.768, 140.898)
contains.

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Color

CIELCh(89, 62.786, 140.837)

Conversions

Conversions Part 1

Format	Color
Hex	93F691
RGB	147, 246, 145
RGB Percent	58%, 96%, 57%
CMY	0.4235, 0.0352, 0.4313
CMYK	0.40, 0.00, 0.41, 0.04
HSL	119°, 85%, 77%
HSV	119°, 41%, 96%
XYZ	50.1032, 74.1641, 38.4649
YIQ	204.8850, -26.5830, -52.3990

Conversions

Conversions Part 2

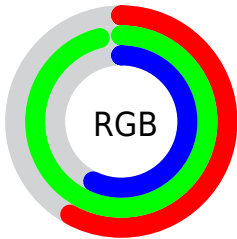
Format	Color
RYB	145, 246, 244
Decimal	9696913
CIELab	89.00, -48.68, 39.65
CIElCh	89, 62.786, 140.837
Yxy	74.1641, 0.3079, 0.4557
Android (android.graphics.Color)	4287886993 (0xFF93F691)
YUV	204.8850, -29.5233, -50.7651
Hunter-Lab	86.1186, -46.8574, 33.8011

Details

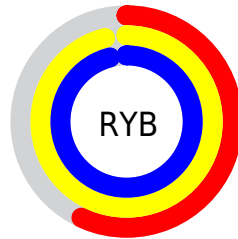
The CIELCh color **89, 62.786, 140.837** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **74, 62.733, 326.060**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 33.471, 140.723**, and **69, 62.752, 140.893** is the 20% darker color. If you saturate the color by 10%, you get **88, 76.906, 139.806**, and if you desaturate by 10%, it is **91, 47.846, 141.767**.

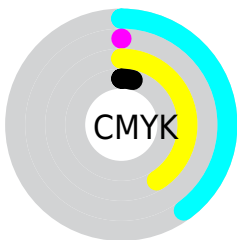
Distribution



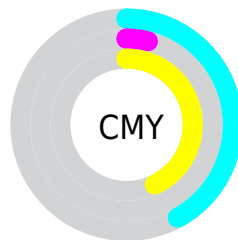
- Red (58%)
- Green (96%)
- Blue (57%)



- Red (57%)
- Yellow (96%)
- Blue (96%)



- Cyan (40%)
- Magenta (0%)
- Yellow (41%)
- Black (4%)





- Cyan (42%)
- Magenta (4%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 62.786, 140.837 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 89, 62.786, 140.837 by changing the saturation by 10% instead.


 89, 62.786,
140.837


 89, 62.786,
140.837


 100, 62.786,
140.837


 79, 62.786,
140.837

 69, 62.786,
140.837

 59, 62.786,
140.837

 49, 62.786,
140.837

 39, 62.786,
140.837


 29, 62.786,
140.837


 19, 62.786,


140.837


 9, 62.786, 140.837


 0, 62.786, 140.837


 89, 62.786,
140.837


 89, 62.786,
140.837


 88, 76.906,
139.806


 91, 47.846,
141.767

 87, 89.709,
138.718


 92, 32.479,
142.581

 86, 100.601,
137.664

 94, 16.989,
143.285


 85, 108.939,
136.780

 97, 1.602, 144.043

 85, 114.207,

 98, 5.596, 324.581

136.207

 85, 116.474,
135.959

Harmonies

Complementary

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



89, 62.786, 140.837



74, 62.733, 326.060

Rectangle

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



89, 62.786, 140.837



89, 62.786, 190.837



89, 62.786, 320.837



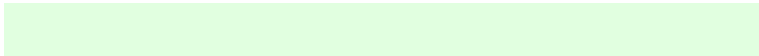
89, 62.786, 10.837

Sweetspot

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



89, 62.787, 140.837



97, 18.994, 143.221



94, 48.999, 104.707



52, 12.607, 143.133



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



89, 62.787, 140.837



91, 76.267, 140.015



90, 44.536, 157.842



50, 8.689, 143.387



66, 94.446, 135.935



20, 40.924, 137.101

Inverse Universe

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



74, 62.733, 326.060



72, 76.010, 326.423



72, 46.350, 345.878



48, 8.705, 324.405



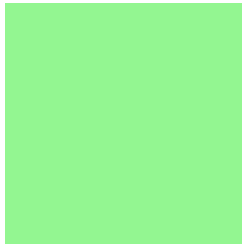
44, 91.307, 327.451



11, 40.591, 327.554

Previews

White Background



This preview shows how the CIELCh color 89, 62.786, 140.837 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 89, 62.786, 140.837 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 89, 62.786, 140.837

Background



This preview shows how black text looks on a background with the CIELCh color 89, 62.786, 140.837.

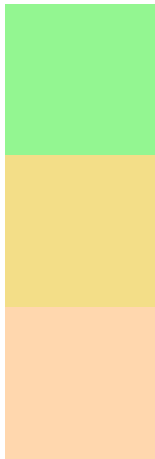


This preview shows how white text looks on a background with the CIELCh color 89, 62.786, 140.837.

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
89, 62.786, 140.837

Protanopia
88, 44.870, 95.379

Deuteranopia
88, 26.745, 72.064



Tritanopia
89, 22.348, 224.732

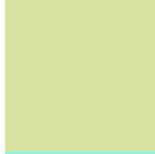
Trichromacy



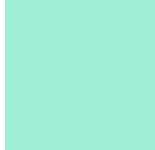
Original Color
89, 62.786, 140.837



Protanomaly
88, 47.578, 117.409



Deuteranomaly
88, 32.657, 114.338

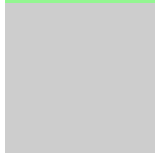


Tritanomaly
89, 29.577, 171.248

Monochromacy



Original Color
89, 62.786, 140.837



Achromatopsia
82, 0.010, 296.813



Achromatomaly
84, 23.611, 142.716

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 62.786, 140.837 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(147, 246, 145)` looks like.

```
.text, #text, p{  
    color:rgb(147, 246, 145)  
}
```

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(147, 246, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 246, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 62.786, 140.837 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(147, 246, 145) }
```

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

```
.border{ border-color:rgb(147, 246, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 246, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 246, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 246, 145);  
box-shadow:4px 4px 4px 4px rgb(147, 246,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 62.786, 140.837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 246, 145) }
```

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

```
.background{ background-color: rgb(147,  
246, 145) }
```

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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