

Converting Colors

CIELCh(89, 52.535, 142.556)

Have a look what the booklet for
CIELCh(89, 52.535, 142.556)
contains.

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Color

CIELCh(89, 52.322, 142.794)

Conversions

Conversions Part 1

Format	Color
Hex	9EF3A1
RGB	158, 243, 161
RGB Percent	62%, 95%, 63%
CMY	0.3792, 0.0459, 0.3675
CMYK	0.35, 0.00, 0.34, 0.05
HSL	122°, 78%, 79%
HSV	122°, 35%, 95%
XYZ	52.7569, 74.1641, 45.3826
YIQ	208.2370, -24.3380, -43.5220

Conversions

Conversions Part 2

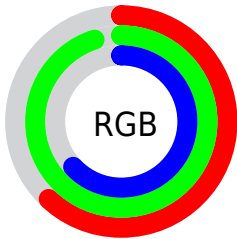
Format	Color
R_{YB}	158, 240, 243
Decimal	10417057
CIE _{Lab}	89.00, -41.67, 31.64
CIE _{LCh}	89, 52.322, 142.794
Yxy	74.1641, 0.3062, 0.4304
Android (android.graphics.Color)	4288607137 (0xFF9EF3A1)
YUV	208.2370, -23.2878, -44.0578
Hunter-Lab	86.1186, -41.3570, 29.0385

Details

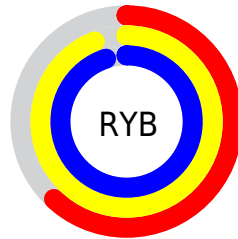
The CIELCh color **89, 52.322, 142.794** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **76, 52.277, 327.334**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 24.613, 144.134**, and **69, 51.948, 142.885** is the 20% darker color. If you saturate the color by 10%, you get **88, 66.626, 141.766**, and if you desaturate by 10%, it is **91, 37.476, 143.693**.

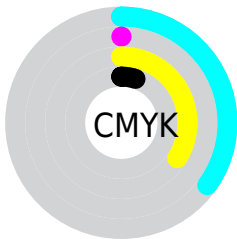
Distribution



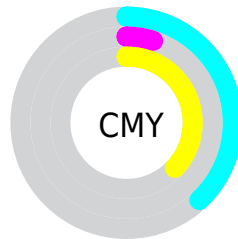
- Red (62%)
- Green (95%)
- Blue (63%)



- Red (62%)
- Yellow (94%)
- Blue (95%)



- Cyan (35%)
- Magenta (0%)
- Yellow (34%)
- Black (5%)



- Cyan (38%)
- Magenta (5%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 52.322, 142.794 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, 52.322, 142.794 by changing the saturation by 10% instead.


 89, 52.322,
142.794


 89, 52.322,
142.794


 100, 52.322,
142.794


 79, 52.322,
142.794

 69, 52.322,
142.794

 59, 52.322,
142.794

 49, 52.322,
142.794

 39, 52.322,
142.794


 29, 52.322,
142.794


 19, 52.322,


142.794


 9, 52.322, 142.794


 0, 52.322, 142.794


 89, 52.322,
142.794


 89, 52.322,
142.794

 88, 66.626,
141.766

 91, 37.476,
143.693


 86, 79.981,
140.622


 93, 22.405,
144.467

 85, 91.908,
139.407

 95, 7.358, 145.150

 97, 7.284, 324.653

 85, 101.861,
138.212

 84, 109.288,

137.170

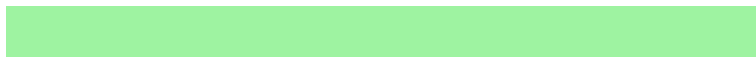
■ 84, 113.799,
136.422

■ 84, 115.027,
136.218

Harmonies

Complementary

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



89, 52.322, 142.794



76, 52.277, 327.334

Rectangle

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



89, 52.322, 142.794



89, 52.322, 192.794



89, 52.322, 322.794



89, 52.322, 12.794

Sweetspot

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



89, 52.324, 142.794



98, 15.534, 144.809



94, 42.879, 108.279



52, 10.608, 144.713



0, 0.000, 0.000



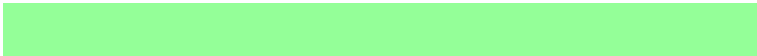
53, 0.007, 296.813

Same Dimension

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



89, 52.324, 142.794



92, 64.914, 142.070



90, 35.857, 162.048



50, 8.538, 144.845



66, 93.905, 136.298



20, 40.371, 138.033

Inverse Universe

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



76, 52.277, 327.334



76, 64.729, 327.711



75, 37.721, 349.019



48, 8.552, 325.903



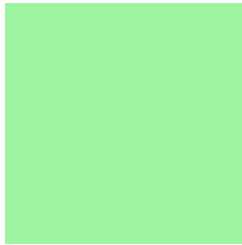
44, 88.747, 329.682



11, 39.602, 329.483

Previews

White Background



This preview shows how the CIELCh color 89, 52.322, 142.794 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, 52.322, 142.794 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, 52.322, 142.794

Background



This preview shows how black text looks on a background with the CIELCh color 89, 52.322, 142.794.



This preview shows how white text looks on a background with the CIELCh color 89, 52.322, 142.794.

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



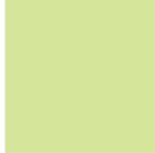


Tritanopia
89, 20.354, 227.689

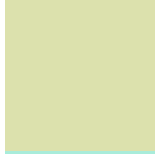
Trichromacy



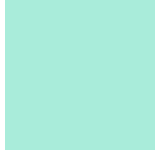
Original Color
89, 52.322, 142.794



Protanomaly
88, 39.088, 117.988



Deuteranomaly
88, 26.916, 112.053

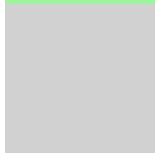


Tritanomaly
89, 24.734, 175.396

Monochromacy



Original Color
89, 52.322, 142.794



Achromatopsia
84, 0.010, 296.813



Achromatomaly
85, 18.839, 144.519

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 52.322, 142.794 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(158, 243, 161)` looks like.

```
.text, #text, p{  
    color:rgb(158, 243, 161)  
}
```

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(158, 243, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 243, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 52.322, 142.794 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(158, 243, 161) }
```

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

```
.border{ border-color:rgb(158, 243, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 243, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 243, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 243, 161);  
box-shadow:4px 4px 4px 4px rgb(158, 243,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 52.322, 142.794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 243, 161) }
```

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

```
.background{ background-color: rgb(158,  
243, 161) }
```

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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