

Converting Colors

CIELCh(89, 63.144, 132.493)

Have a look what the booklet for
CIELCh(89, 63.144, 132.493)
contains.

CIELCh(89, 63.181, 132.484)	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(89, 63.181, 132.484)

Conversions

Conversions Part 1

Format	Color
Hex	A8F383
RGB	168, 243, 131
RGB Percent	66%, 95%, 51%
CMY	0.3407, 0.0465, 0.4858
CMYK	0.31, 0.00, 0.46, 0.05
HSL	100°, 83%, 73%
HSV	100°, 46%, 95%
XYZ	52.3732, 74.1641, 33.0721
YIQ	207.8070, -8.7480, -50.7320

Conversions

Conversions Part 2

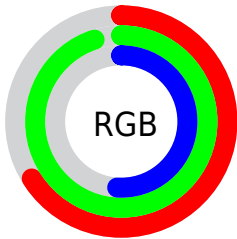
Format	Color
RYB	131, 243, 206
Decimal	11072387
CIELab	89.00, -42.67, 46.59
CIELCh	89, 63.181, 132.484
Yxy	74.1641, 0.3281, 0.4647
Android (android.graphics.Color)	4289262467 (0xFFA8F383)
YUV	207.8070, -37.8659, -34.9107
Hunter-Lab	86.1186, -42.1524, 37.5139

Details

The CIELCh color **89, 63.181, 132.484** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **66, 65.684, 316.738**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 36.516, 124.886**, and **69, 62.914, 132.597** is the 20% darker color. If you saturate the color by 10%, you get **88, 75.806, 131.993**, and if you desaturate by 10%, it is **90, 49.858, 133.022**.

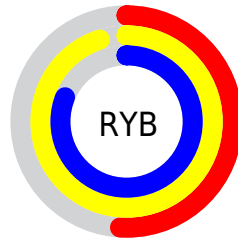
Distribution



Red (66%)

Green (95%)

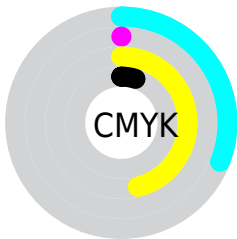
Blue (51%)



Red (51%)

Yellow (95%)

Blue (81%)

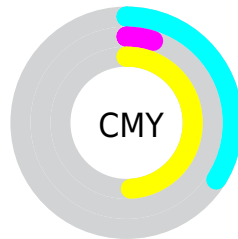


Cyan (31%)

Magenta (0%)

Yellow (46%)

Black (5%)



Cyan (34%)

Magenta (5%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 63.181, 132.484 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, 63.181, 132.484 by changing the saturation by 10% instead.

■ 89, 63.181,
132.484

■ 89, 63.181,
132.484

■ 100, 63.181,
132.484

■ 79, 63.181,
132.484

■ 69, 63.181,
132.484

■ 59, 63.181,
132.484

■ 49, 63.181,
132.484

■ 39, 63.181,
132.484

■ 29, 63.181,
132.484

■ 19, 63.181,


132.484

 9, 63.181, 132.484


 0, 63.181, 132.484


 89, 63.181,
132.484


 89, 63.181,
132.484


 88, 75.806,
131.993


 90, 49.858,
133.022

 87, 87.298,
131.628


 92, 36.144,
133.556

 86, 97.100,
131.503

 93, 22.263,
134.061

 86, 104.609,
131.752

 95, 8.374, 134.534

 85, 109.440,

 97, 5.412, 314.884

132.461

97, 7.387, 324.657

85, 110.813,
132.794

Harmonies

Complementary

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



89, 63.181, 132.484



66, 65.684, 316.738

Rectangle

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



89, 63.181, 132.484



89, 63.181, 182.484



89, 63.181, 312.484



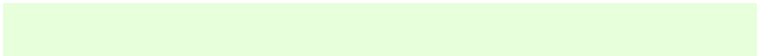
89, 63.181, 2.484

Sweetspot

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



89, 63.182, 132.485



97, 20.149, 134.159



84, 42.068, 85.001



52, 13.919, 134.055



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, 63.182, 132.485



92, 77.416, 132.035



88, 62.223, 145.418



50, 7.900, 134.374



67, 90.444, 132.570



21, 38.296, 131.730

Inverse Universe

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



66, 65.684, 316.738



64, 81.005, 317.051



70, 62.107, 332.329



48, 7.971, 315.147



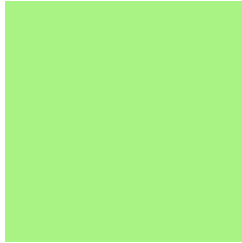
34, 95.077, 316.418



7, 41.624, 317.628

Previews

White Background



This preview shows how the CIELCh color 89, 63.181, 132.484 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, 63.181, 132.484 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, 63.181, 132.484

Background



This preview shows how black text looks on a background with the CIELCh color 89, 63.181, 132.484.

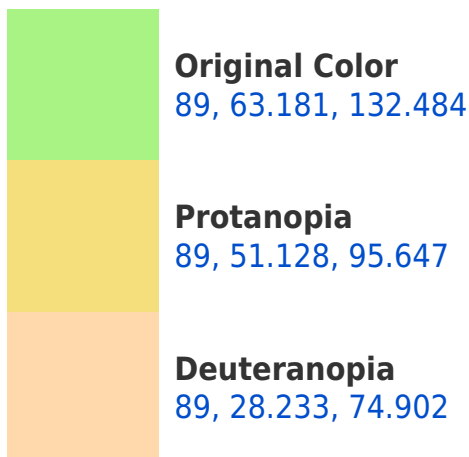



This preview shows how white text looks on a background with the CIELCh color 89, 63.181, 132.484.

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



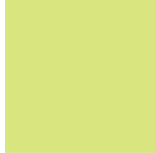


Tritanopia
89, 16.618, 233.202

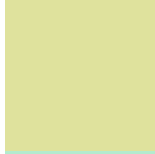
Trichromacy



Original Color
89, 63.181, 132.484



Protanomaly
88, 52.179, 111.677



Deuteranomaly
88, 35.434, 109.136

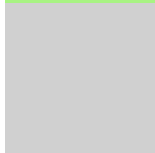


Tritanomaly
89, 24.723, 160.150

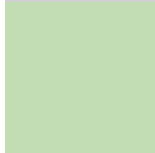
Monochromacy



Original Color
89, 63.181, 132.484



Achromatopsia
83, 0.010, 296.813



Achromatomaly
85, 23.723, 133.589

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 63.181, 132.484 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(168, 243, 131)` looks like.

```
.text, #text, p{  
    color:rgb(168, 243, 131)  
}
```

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(168, 243, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 243, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 63.181, 132.484 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(168, 243, 131) }
```

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

```
.border{ border-color:rgb(168, 243, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 243, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 243, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 243, 131);  
box-shadow:4px 4px 4px 4px rgb(168, 243,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 63.181, 132.484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 243, 131) }
```

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

```
.background{ background-color: rgb(168,  
243, 131) }
```

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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