

Converting Colors

CIELCh(89, 48.323, 144.118)

Have a look what the booklet for
CIELCh(89, 48.323, 144.118)
contains.

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Color

CIELCh(89, 48.011, 144.075)

Conversions

Conversions Part 1

Format	Color
Hex	A2F2A8
RGB	162, 242, 168
RGB Percent	64%, 95%, 66%
CMY	0.3639, 0.0501, 0.3404
CMYK	0.33, 0.00, 0.31, 0.05
HSL	124°, 76%, 79%
HSV	124°, 33%, 95%
XYZ	53.8405, 74.1641, 48.6179
YIQ	209.6440, -23.9260, -39.9740

Conversions

Conversions Part 2

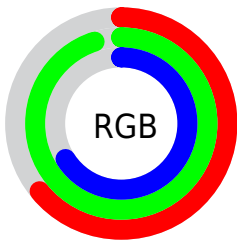
Format	Color
RYB	162, 236, 242
Decimal	10678952
CIELab	89.00, -38.88, 28.17
CIELCh	89, 48.011, 144.075
Yxy	74.1641, 0.3048, 0.4199
Android (android.graphics.Color)	4288869032 (0xFFA2F2A8)
YUV	209.6440, -20.5305, -41.7838
Hunter-Lab	86.1186, -39.1112, 26.8111

Details

The CIELCh color **89, 48.011, 144.075** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **77, 48.011, 328.421**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 20.442, 147.574**, and **69, 47.988, 144.010** is the 20% darker color. If you saturate the color by 10%, you get **88, 62.037, 143.054**, and if you desaturate by 10%, it is **91, 33.548, 144.961**.

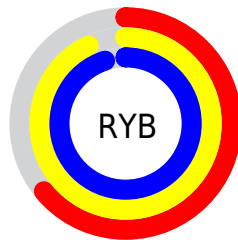
Distribution



Red (64%)

Green (95%)

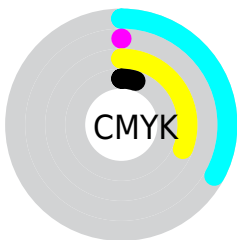
Blue (66%)



Red (64%)

Yellow (93%)

Blue (95%)

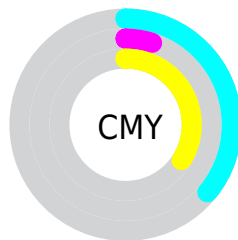


Cyan (33%)

Magenta (0%)

Yellow (31%)

Black (5%)



Cyan (36%)


Magenta (5%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 48.011, 144.075 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, 48.011, 144.075 by changing the saturation by 10% instead.


 89, 48.011,
144.075


 89, 48.011,
144.075


 100, 48.011,
144.075


 79, 48.011,
144.075

 69, 48.011,
144.075

 59, 48.011,
144.075

 49, 48.011,
144.075

 39, 48.011,
144.075


 29, 48.011,
144.075


 19, 48.011,


144.075


 9, 48.011, 144.075


 0, 48.011, 144.075


 89, 48.011,
144.075


 89, 48.011,
144.075

 88, 62.037,
143.054


 91, 33.548,
144.961

 86, 75.268,
141.898


 93, 18.927,
145.724

 85, 87.294,
140.633


 95, 4.369, 146.423


 85, 97.650,
139.320

 97, 7.968, 324.680

 84, 105.855,

138.065

 84, 111.496,
137.008

 84, 113.869,
136.494

Harmonies

Complementary

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



89, 48.011, 144.075



77, 48.011, 328.421

Rectangle

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



89, 48.011, 144.075



89, 48.011, 194.075



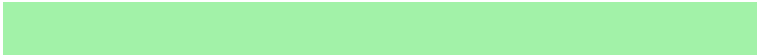
89, 48.011, 324.075



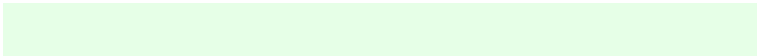
89, 48.011, 14.075

Sweetspot

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



89, 48.013, 144.075



98, 15.113, 145.933



94, 40.505, 109.929



52, 10.320, 145.836



0, 0.000, 0.000



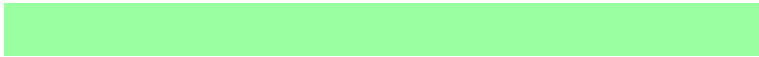
53, 0.007, 296.813

Same Dimension

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



89, 48.013, 144.075



92, 60.306, 143.367



90, 32.968, 164.144



49, 8.164, 145.971



65, 92.176, 136.641



19, 38.202, 139.154

Inverse Universe

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



77, 48.011, 328.421



77, 60.193, 328.821



75, 34.884, 350.823



47, 8.179, 327.044



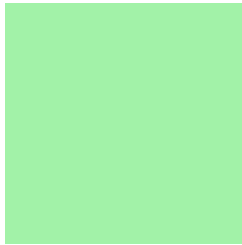
43, 85.144, 331.457



10, 37.474, 330.977

Previews

White Background



This preview shows how the CIELCh color 89, 48.011, 144.075 looks on a white background.

Color Contrast Check

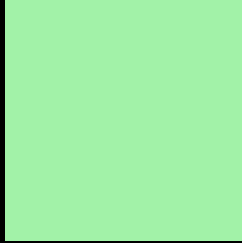
Large Text (above 18pt) WCAG AA × Fail

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, 48.011, 144.075 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, 48.011, 144.075

Background



This preview shows how black text looks on a background with the CIELCh color 89, 48.011, 144.075.



This preview shows how white text looks on a background with the CIELCh color 89, 48.011, 144.075.

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



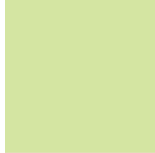


Tritanopia
89, 19.395, 227.530

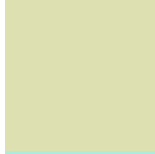
Trichromacy



Original Color
89, 48.011, 144.075



Protanomaly
88, 35.028, 118.214



Deuteranomaly
88, 24.338, 111.771

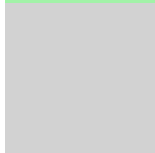


Tritanomaly
89, 23.397, 176.906

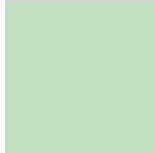
Monochromacy



Original Color
89, 48.011, 144.075



Achromatopsia
84, 0.010, 296.813



Achromatomaly
86, 17.748, 145.554

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 48.011, 144.075 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(162, 242, 168)` looks like.

```
.text, #text, p{  
    color:rgb(162, 242, 168)  
}
```

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(162, 242, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 242, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 48.011, 144.075 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(162, 242, 168) }
```

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

```
.border{ border-color:rgb(162, 242, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 242, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 242, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 242, 168);  
box-shadow:4px 4px 4px 4px rgb(162, 242,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 48.011, 144.075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 242, 168) }
```

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

```
.background{ background-color: rgb(162,  
242, 168) }
```

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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