

Converting Colors

CIELCh(89, 37.102, 162.832)

Have a look what the booklet for
CIELCh(89, 37.102, 162.832)
contains.

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Color

CIELCh(89, 37.548, 162.389)

Conversions

Conversions Part 1

Format	Color
Hex	98F2C9
RGB	152, 242, 201
RGB Percent	60%, 95%, 79%
CMY	0.4051, 0.0522, 0.2130
CMYK	0.37, 0.00, 0.17, 0.05
HSL	153°, 77%, 77%
HSV	153°, 37%, 95%
XYZ	55.0561, 74.1641, 66.4841
YIQ	210.4160, -40.4790, -31.8310

Conversions

Conversions Part 2

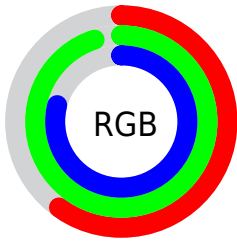
Format	Color
RYB	152, 210, 242
Decimal	10023625
CIELab	89.00, -35.79, 11.36
CIELCh	89, 37.548, 162.389
Yxy	74.1641, 0.2813, 0.3790
Android (android.graphics.Color)	4288213705 (0xFF98F2C9)
YUV	210.4160, -4.6421, -51.2308
Hunter-Lab	86.1186, -36.5916, 14.5108

Details

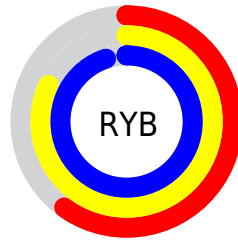
The CIELCh color **89, 37.548, 162.389** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **73, 39.741, 349.999**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 15.314, 198.486**, and **69, 37.229, 162.483** is the 20% darker color. If you saturate the color by 10%, you get **88, 46.831, 161.086**, and if you desaturate by 10%, it is **90, 27.777, 163.548**.

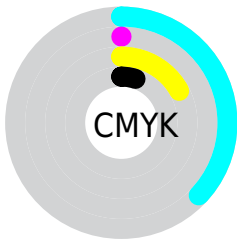
Distribution



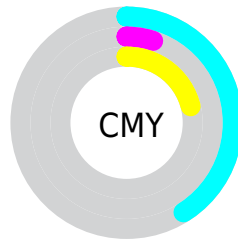
- Red (60%)
- Green (95%)
- Blue (79%)



- Red (60%)
- Yellow (82%)
- Blue (95%)



- Cyan (37%)
- Magenta (0%)
- Yellow (17%)
- Black (5%)



- Cyan (41%)
- Magenta (5%)
- Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 37.548, 162.389 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, 37.548, 162.389 by changing the saturation by 10% instead.


 89, 37.548,
162.389

 89, 37.548,
162.389


 100, 37.548,
162.389

 79, 37.548,
162.389

 69, 37.548,
162.389

 59, 37.548,
162.389

 49, 37.548,
162.389

 39, 37.548,
162.389


 29, 37.548,
162.389


 19, 37.548,


162.389

 9, 37.548, 162.389


 0, 37.548, 162.389


 89, 37.548,
162.389


 89, 37.548,
162.389

 88, 46.831,
161.086


 90, 27.777,
163.548

 87, 55.446,
159.615

 92, 17.688,
164.592

 86, 63.238,
157.951

 94, 7.436, 165.563


 85, 70.094,
156.074

 96, 2.847, 346.176

 85, 75.975,

 97, 8.296, 324.693

153.980

 85, 80.951,
151.699

 84, 82.240,
151.072

Harmonies

Complementary

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



89, 37.548, 162.389



73, 39.741, 349.999

Rectangle

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



89, 37.548, 162.389



89, 37.548, 212.389



89, 37.548, 342.389



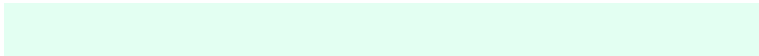
89, 37.548, 32.389

Sweetspot

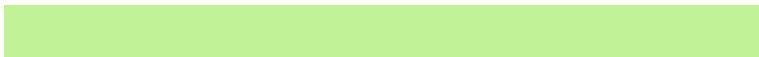
The Sweet Spot groups the original color and five complimentary colors.



89, 37.549, 162.388



98, 11.808, 165.197



90, 49.232, 128.485



52, 7.933, 165.066



0, 0.000, 0.000



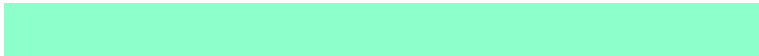
53, 0.007, 296.813

Same Dimension

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



89, 37.549, 162.388



92, 46.787, 161.373



89, 27.177, 201.000



49, 5.802, 165.347



66, 66.347, 151.507



20, 26.958, 155.281

Inverse Universe

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



73, 39.741, 349.999



72, 49.996, 351.126



73, 35.570, 25.282



47, 5.892, 346.903



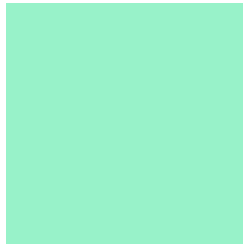
39, 65.964, 6.254



8, 29.095, 359.056

Previews

White Background



This preview shows how the CIELCh color 89, 37.548, 162.389 looks on a white background.

Color Contrast Check

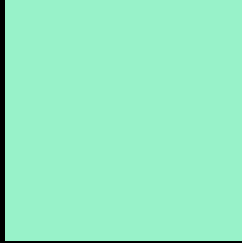
Large Text (above 18pt) WCAG AA × Fail

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, 37.548, 162.389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

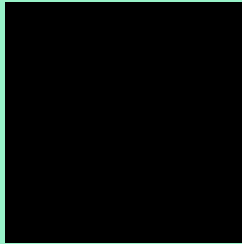
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 37.548, 162.389

Background



This preview shows how black text looks on a background with the CIELCh color 89, 37.548, 162.389.

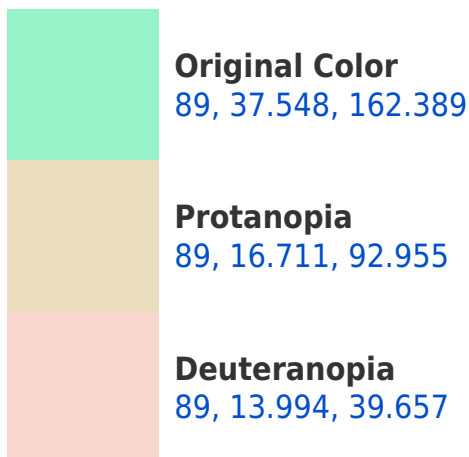



This preview shows how white text looks on a background with the CIELCh color 89, 37.548, 162.389.

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



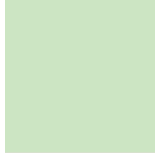


Tritanopia
89, 23.580, 223.165

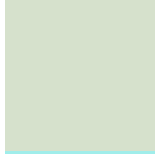
Trichromacy



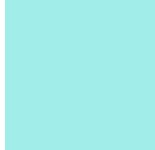
Original Color
89, 37.548, 162.389



Protanomaly
88, 19.966, 136.174



Deuteranomaly
88, 11.665, 129.501

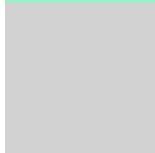


Tritanomaly
89, 24.933, 194.157

Monochromacy



Original Color
89, 37.548, 162.389



Achromatopsia
84, 0.010, 296.813



Achromatomaly
86, 14.241, 164.886

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 37.548, 162.389 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(152, 242, 201)` looks like.

```
.text, #text, p{  
    color:rgb(152, 242, 201)  
}
```

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(152, 242, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 242, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 37.548, 162.389 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(152, 242, 201) }
```

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

```
.border{ border-color:rgb(152, 242, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 242, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 242, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 242, 201);  
box-shadow:4px 4px 4px 4px rgb(152, 242,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 37.548, 162.389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 242, 201) }
```

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

```
.background{ background-color: rgb(152,  
242, 201) }
```

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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