

Converting Colors

CIELCh(92, 37.137, 167.861)

Have a look what the booklet for
CIELCh(92, 37.137, 167.861)
contains.

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Color

CIELCh(92, 37.137, 167.861)

Conversions

Conversions Part 1

Format	Color
Hex	9AFBD8
RGB	154, 251, 216
RGB Percent	60%, 98%, 85%
CMY	0.3967, 0.0163, 0.1535
CMYK	0.39, 0.00, 0.14, 0.02
HSL	158°, 92%, 79%
HSV	158°, 39%, 98%
XYZ	60.1229, 80.7044, 77.2746
YIQ	218.0070, -46.5770, -31.4490

Conversions

Conversions Part 2

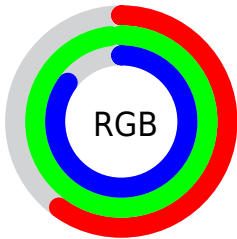
Format	Color
RYB	154, 213, 251
Decimal	10157016
CIELab	92.00, -36.31, 7.81
CIELCh	92, 37.137, 167.861
Yxy	80.7044, 0.2757, 0.3700
Android (android.graphics.Color)	4288347096 (0xFF9AFBD8)
YUV	218.0070, -0.9895, -56.1341
Hunter-Lab	89.8356, -37.7505, 11.8850

Details

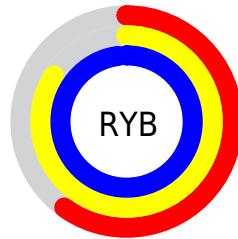
The CIELCh color **92, 37.137, 167.861** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **74, 40.690, 356.388**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 14.367, 198.548**, and **72, 37.154, 167.645** is the 20% darker color. If you saturate the color by 10%, you get **91, 45.688, 166.537**, and if you desaturate by 10%, it is **93, 27.998, 169.051**.

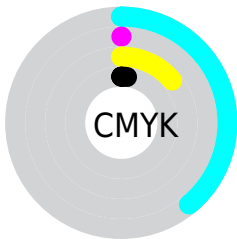
Distribution



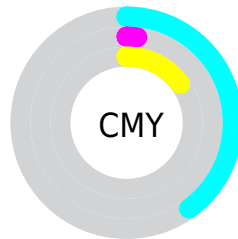
- Red (60%)
- Green (98%)
- Blue (85%)



- Red (60%)
- Yellow (84%)
- Blue (98%)



- Cyan (39%)
- Magenta (0%)
- Yellow (14%)
- Black (2%)





- Cyan (40%)
- Magenta (2%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 37.137, 167.861 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 92, 37.137, 167.861 by changing the saturation by 10% instead.


 92, 37.137,
167.861


 92, 37.137,
167.861


 100, 37.137,
167.861


 82, 37.137,
167.861

 72, 37.137,
167.861

 62, 37.137,
167.861

 52, 37.137,
167.861

 42, 37.137,
167.861

 32, 37.137,
167.861

 22, 37.137,

167.861

■ 12, 37.137,
167.861

■ 2, 37.137, 167.861

■ 92, 37.137,
167.861

■ 92, 37.137,
167.861

■ 91, 45.688,
166.537

■ 93, 27.998,
169.051

■ 90, 53.482,
165.058

■ 95, 18.436,
170.137

■ 89, 60.381,
163.396

■ 97, 8.613, 171.156

■ 88, 66.301,
161.529

■ 99, 1.334, 351.598

■ 99, 2.584, 324.412

■ 88, 71.235,
159.449

■ 88, 75.313,
157.188

■ 88, 75.829,
156.890

Harmonies

Complementary

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



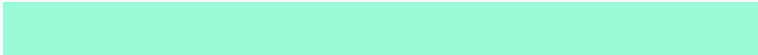
92, 37.137, 167.861



74, 40.690, 356.388

Rectangle

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



92, 37.137, 167.861



92, 37.137, 217.861



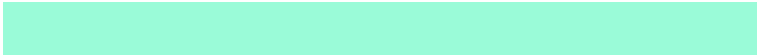
92, 37.137, 347.861



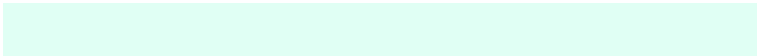
92, 37.137, 37.861

Sweetspot

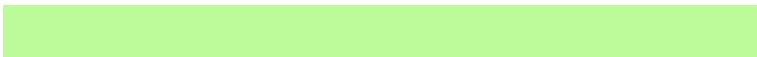
The Sweet Spot groups the original color and five complimentary colors.



92, 37.138, 167.860



98, 12.065, 170.819



93, 54.150, 131.742



52, 7.997, 170.687



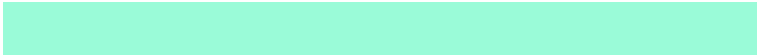
0, 0.000, 0.000



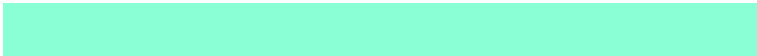
53, 0.007, 296.813

Same Dimension

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



92, 37.138, 167.860



92, 44.052, 166.899



89, 26.449, 212.709



51, 5.629, 171.072



68, 60.762, 157.320



22, 25.996, 160.623

Inverse Universe

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



74, 40.690, 356.388



71, 49.061, 357.630



76, 35.320, 33.385



49, 5.756, 352.724



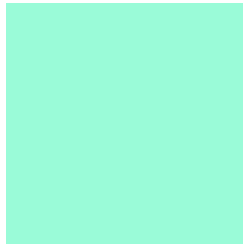
40, 68.288, 15.537



9, 30.458, 7.620

Previews

White Background



This preview shows how the CIELCh color 92, 37.137, 167.861 looks on a white background.

Color Contrast Check

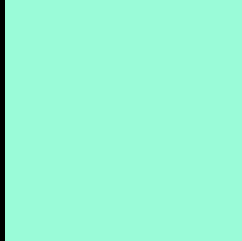
Large Text (above 18pt) WCAG AA × Fail

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 92, 37.137, 167.861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

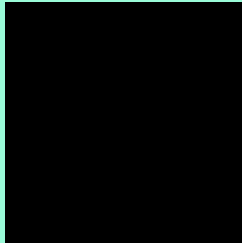
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 37.137, 167.861

Background



This preview shows how black text looks on a background with the CIELCh color 92, 37.137, 167.861.

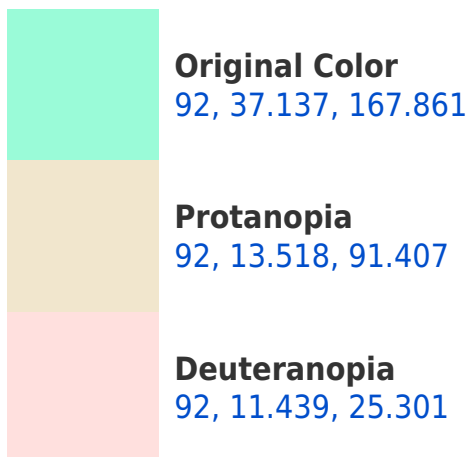


This preview shows how white text looks on a background with the CIELCh color 92, 37.137, 167.861.

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



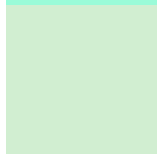


Tritanopia
92, 18.525, 223.368

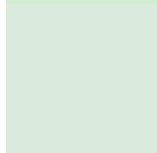
Trichromacy



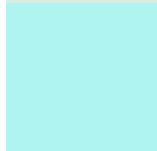
Original Color
92, 37.137, 167.861



Protanomaly
91, 18.358, 143.718



Deuteranomaly
91, 9.282, 147.661

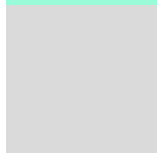


Tritanomaly
92, 22.595, 193.997

Monochromacy



Original Color
92, 37.137, 167.861



Achromatopsia
87, 0.010, 296.813



Achromatomaly
89, 14.147, 169.823

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 37.137, 167.861 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(154, 251, 216)` looks like.

```
.text, #text, p{  
    color:rgb(154, 251, 216)  
}
```

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(154, 251, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 251, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 37.137, 167.861 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(154, 251, 216) }
```

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

```
.border{ border-color:rgb(154, 251, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 251, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 251, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 251, 216);  
box-shadow:4px 4px 4px 4px rgb(154, 251,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 37.137, 167.861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 251, 216) }
```

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

```
.background{ background-color: rgb(154,  
251, 216) }
```

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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