

Converting Colors

CIELCh(92, 66.142, 136.517)

Have a look what the booklet for
CIELCh(92, 66.142, 136.517)
contains.

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Color

CIELCh(92, 65.968, 136.379)

Conversions

Conversions Part 1

Format	Color
Hex	A3FE8D
RGB	163, 254, 141
RGB Percent	64%, 100%, 55%
CMY	0.3602, 0.0033, 0.4465
CMYK	0.36, 0.00, 0.44, 0.00
HSL	108°, 99%, 78%
HSV	108°, 44%, 100%
XYZ	55.4389, 80.7044, 37.9071
YIQ	213.9090, -17.9630, -54.4350

Conversions

Conversions Part 2

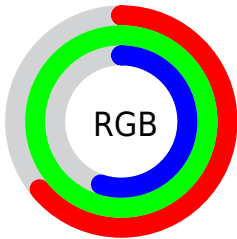
Format	Color
RYB	141, 254, 232
Decimal	10747533
CIELab	92.00, -47.76, 45.51
CIElCh	92, 65.968, 136.379
Yxy	80.7044, 0.3185, 0.4637
Android (android.graphics.Color)	4288937613 (0xFFA3FE8D)
YUV	213.9090, -35.9441, -44.6472
Hunter-Lab	89.8356, -47.0574, 37.8669

Details

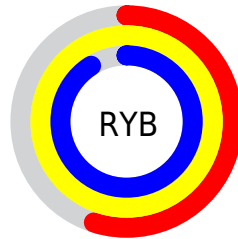
The CIELCh color **92, 65.968, 136.379** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **72, 67.147, 320.910**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 32.484, 130.646**, and **72, 66.361, 136.387** is the 20% darker color. If you saturate the color by 10%, you get **91, 79.656, 135.685**, and if you desaturate by 10%, it is **93, 51.515, 137.064**.

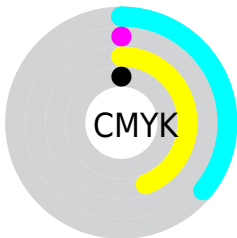
Distribution



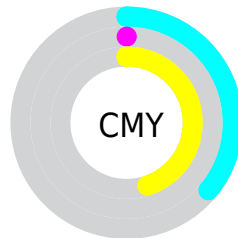
- Red (64%)
- Green (100%)
- Blue (55%)



- Red (55%)
- Yellow (100%)
- Blue (91%)



- Cyan (36%)
- Magenta (0%)
- Yellow (44%)
- Black (0%)





- Cyan (36%)
- Magenta (0%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 65.968, 136.379 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, 65.968, 136.379 by changing the saturation by 10% instead.


 92, 65.968,
136.379


 92, 65.968,
136.379


 100, 65.968,
136.379


 82, 65.968,
136.379

 72, 65.968,
136.379

 62, 65.968,
136.379

 52, 65.968,
136.379

 42, 65.968,
136.379

 32, 65.968,
136.379

 22, 65.968,

136.379

■ 12, 65.968,
136.379

■ 2, 65.968, 136.379

■ 92, 65.968,
136.379

■ 92, 65.968,
136.379

■ 91, 79.656,
135.685

■ 93, 51.515,
137.064

■ 90, 92.100,
135.050

■ 95, 36.645,
137.702

■ 89, 102.701,
134.582

■ 97, 21.622,
138.277

■ 88, 110.801,
134.416

■ 99, 6.635, 138.805

100, 0.537,

■ 88,115.927,
134.652

323.884

■ 88,117.669,
134.890

Harmonies

Complementary

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



92, 65.968, 136.379



72, 67.147, 320.910

Rectangle

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



92, 65.968, 136.379



92, 65.968, 186.379



92, 65.968, 316.379



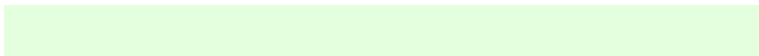
92, 65.968, 6.379

Sweetspot

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



92, 65.969, 136.380



97, 19.470, 138.356



92, 46.829, 95.069



52, 13.636, 138.237



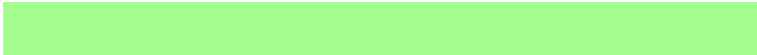
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

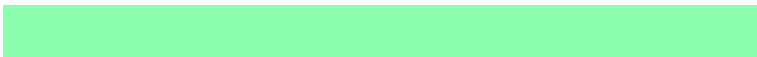
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 65.969, 136.380



91, 77.922, 135.785



92, 56.408, 150.202



52, 8.500, 138.541



68, 94.824, 134.737



23, 42.293, 134.050

Inverse Universe

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



72, 67.147, 320.910



67, 79.397, 321.201



73, 56.979, 337.722



50, 8.547, 319.377



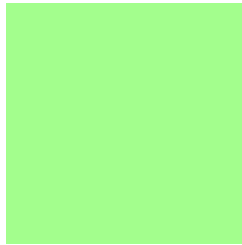
39, 94.790, 320.874



10, 43.467, 321.709

Previews

White Background



This preview shows how the CIE LCh color 92, 65.968, 136.379 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, 65.968, 136.379 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, 65.968, 136.379

Background



This preview shows how black text looks on a background with the CIELCh color 92, 65.968, 136.379.

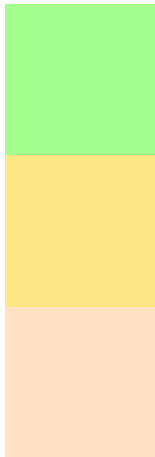


This preview shows how white text looks on a background with the CIELCh color 92, 65.968, 136.379.

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



Original Color
92, 65.968, 136.379

Protanopia
92, 50.403, 95.779

Deuteranopia
92, 19.114, 73.405

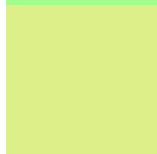


Tritanopia
92, 16.856, 228.173

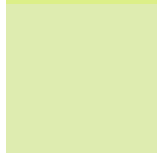
Trichromacy



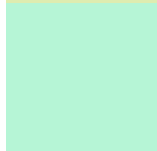
Original Color
92, 65.968, 136.379



Protanomaly
91, 52.233, 114.379



Deuteranomaly
91, 31.165, 117.619

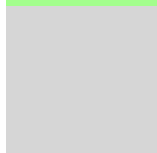


Tritanomaly
92, 27.309, 161.721

Monochromacy



Original Color
92, 65.968, 136.379



Achromatopsia
86, 0.010, 296.813



Achromatomaly
88, 24.615, 138.081

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 65.968, 136.379 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(163, 254, 141)` looks like.

```
.text, #text, p{  
    color:rgb(163, 254, 141)  
}
```

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(163, 254, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 254, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 65.968, 136.379 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(163, 254, 141) }
```

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

```
.border{ border-color:rgb(163, 254, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 254, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 254, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 254, 141);  
box-shadow:4px 4px 4px 4px rgb(163, 254,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 65.968, 136.379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 254, 141) }
```

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

```
.background{ background-color: rgb(163,  
254, 141) }
```

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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