

Converting Colors

CIELCh(92, 60.630, 138.275)

Have a look what the booklet for
CIELCh(92, 60.630, 138.275)
contains.

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Color

CIELCh(92, 60.472, 138.396)

Conversions

Conversions Part 1

Format	Color
Hex	A5FD98
RGB	165, 253, 152
RGB Percent	65%, 99%, 60%
CMY	0.3520, 0.0069, 0.4030
CMYK	0.35, 0.00, 0.40, 0.01
HSL	112°, 97%, 80%
HSV	112°, 40%, 99%
XYZ	56.4552, 80.7044, 42.4050
YIQ	215.1740, -20.0270, -50.0670

Conversions

Conversions Part 2

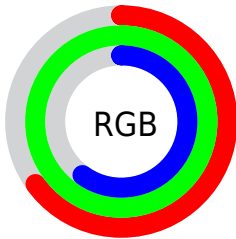
Format	Color
RYB	152, 253, 240
Decimal	10878360
CIELab	92.00, -45.22, 40.15
CIELCh	92, 60.472, 138.396
Yxy	80.7044, 0.3144, 0.4494
Android (android.graphics.Color)	4289068440 (0xFFA5FD98)
YUV	215.1740, -31.1448, -44.0026
Hunter-Lab	89.8356, -45.0380, 34.8983

Details

The CIELCh color **92, 60.472, 138.396** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **75, 61.038, 322.750**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 27.098, 133.828**, and **72, 60.778, 138.273** is the 20% darker color. If you saturate the color by 10%, you get **91, 74.743, 137.590**, and if you desaturate by 10%, it is **94, 45.552, 139.147**.

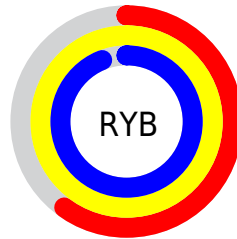
Distribution



Red (65%)

Green (99%)

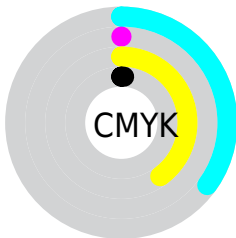
Blue (60%)



Red (60%)

Yellow (99%)

Blue (94%)

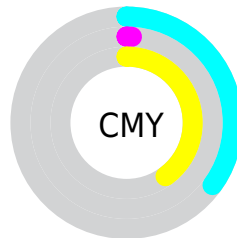


Cyan (35%)

Magenta (0%)

Yellow (40%)

Black (1%)



Cyan (35%)


Magenta (1%)


Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 60.472, 138.396 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, 60.472, 138.396 by changing the saturation by 10% instead.


 92, 60.472,
138.396


 92, 60.472,
138.396


 100, 60.472,
138.396


 82, 60.472,
138.396

 72, 60.472,
138.396

 62, 60.472,
138.396

 52, 60.472,
138.396

 42, 60.472,
138.396

 32, 60.472,
138.396

 22, 60.472,

138.396

■ 12, 60.472,
138.396

■ 2, 60.472, 138.396

■ 92, 60.472,
138.396

■ 92, 60.472,
138.396

■ 91, 74.743,
137.590

■ 94, 45.552,
139.147

■ 90, 87.918,
136.777

■ 95, 30.314,
139.820

■ 89, 99.433,
136.045

■ 97, 15.010,
140.415

■ 88, 108.628,
135.520

■ 99, 0.177, 319.369

■ 100, 1.095,

■ 88, 114.906,
135.334

324.198

■ 87, 118.247,
135.474

■ 87, 118.275,
135.475

Harmonies

Complementary

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



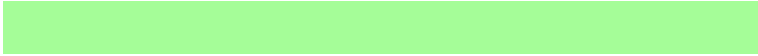
92, 60.472, 138.396



75, 61.038, 322.750

Rectangle

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



92, 60.472, 138.396



92, 60.472, 188.396



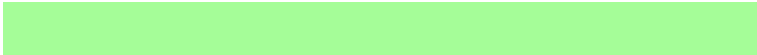
92, 60.472, 318.396



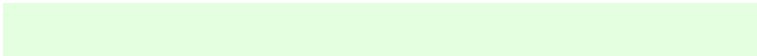
92, 60.472, 8.396

Sweetspot

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



92, 60.474, 138.397



97, 18.338, 140.294



94, 44.552, 99.679



52, 12.171, 140.219



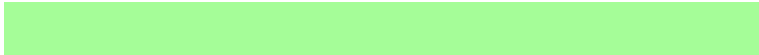
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

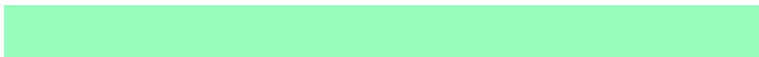
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 60.474, 138.397



91, 72.518, 137.744



92, 48.110, 153.429



52, 8.675, 140.436



68, 95.622, 135.367



23, 42.800, 134.998

Inverse Universe

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



75, 61.038, 322.750



71, 73.187, 323.070



75, 49.078, 340.446



50, 8.710, 321.329



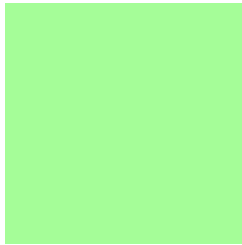
41, 93.992, 323.266



11, 43.169, 323.845

Previews

White Background



This preview shows how the CIE LCh color 92, 60.472, 138.396 looks on a white background.

Color Contrast Check

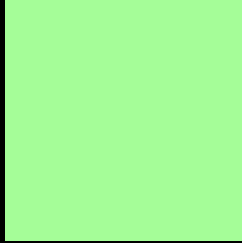
Large Text (above 18pt) WCAG AA × Fail

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, 60.472, 138.396 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, 60.472, 138.396

Background



This preview shows how black text looks on a background with the CIELCh color 92, 60.472, 138.396.

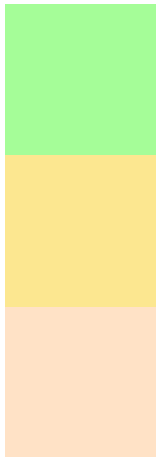


This preview shows how white text looks on a background with the CIELCh color 92, 60.472, 138.396.

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, 60.472, 138.396

Protanopia
92, 45.070, 95.632

Deuteranopia
92, 18.261, 71.687

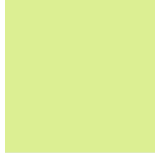


Tritanopia
92, 16.592, 228.703

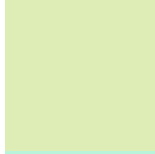
Trichromacy



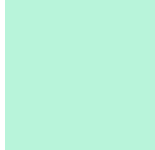
Original Color
92, 60.472, 138.396



Protanomaly
91, 47.036, 115.634



Deuteranomaly
91, 28.682, 118.621

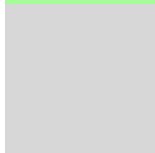


Tritanomaly
92, 24.906, 165.092

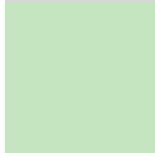
Monochromacy



Original Color
92, 60.472, 138.396



Achromatopsia
86, 0.010, 296.813



Achromatomaly
88, 22.624, 139.880

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 60.472, 138.396 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(165, 253, 152)` looks like.

```
.text, #text, p{  
    color:rgb(165, 253, 152)  
}
```

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(165, 253, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 253, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 60.472, 138.396 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(165, 253, 152) }
```

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

```
.border{ border-color:rgb(165, 253, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 253, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 253, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 253, 152);  
box-shadow:4px 4px 4px 4px rgb(165, 253,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 60.472, 138.396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 253, 152) }
```

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

```
.background{ background-color: rgb(165,  
253, 152) }
```

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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