

Converting Colors

CIELCh(92, 56.055, 145.508)

Have a look what the booklet for
CIELCh(92, 56.055, 145.508)
contains.

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Color

CIELCh(92, 55.956, 145.425)

Conversions

Conversions Part 1

Format	Color
Hex	9BFEA9
RGB	155, 254, 169
RGB Percent	61%, 100%, 66%
CMY	0.3922, 0.0040, 0.3373
CMYK	0.39, 0.00, 0.33, 0.00
HSL	128°, 98%, 80%
HSV	128°, 39%, 100%
XYZ	56.1113, 80.7044, 50.1484
YIQ	214.7090, -31.7190, -47.4230

Conversions

Conversions Part 2

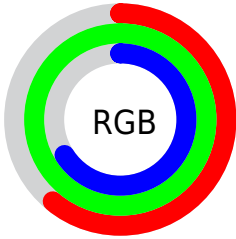
Format	Color
RYB	155, 242, 254
Decimal	10223273
CIELab	92.00, -46.07, 31.75
CIELCh	92, 55.956, 145.425
Yxy	80.7044, 0.3001, 0.4317
Android (android.graphics.Color)	4288413353 (0xFF9BFEA9)
YUV	214.7090, -22.5345, -52.3648
Hunter-Lab	89.8356, -45.7214, 29.7879

Details

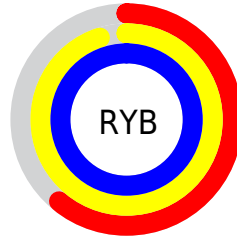
The CIELCh color **92, 55.956, 145.425** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **77, 55.965, 330.964**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 21.440, 152.519**, and **72, 56.118, 145.261** is the 20% darker color. If you saturate the color by 10%, you get **91, 69.491, 144.278**, and if you desaturate by 10%, it is **94, 41.824, 146.421**.

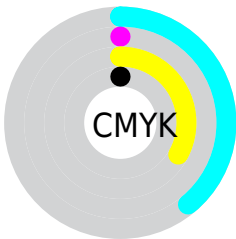
Distribution



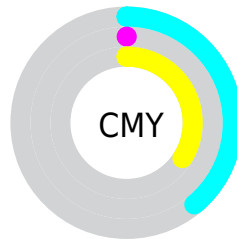
- Red (61%)
- Green (100%)
- Blue (66%)



- Red (61%)
- Yellow (95%)
- Blue (100%)



- Cyan (39%)
- Magenta (0%)
- Yellow (33%)
- Black (0%)





- Cyan (39%)
- Magenta (0%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 55.956, 145.425 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, 55.956, 145.425 by changing the saturation by 10% instead.


 92, 55.956,
145.425


 92, 55.956,
145.425


 100, 55.956,
145.425


 82, 55.956,
145.425

 72, 55.956,
145.425

 62, 55.956,
145.425


 52, 55.956,
145.425

 42, 55.956,
145.425


 32, 55.956,
145.425


 22, 55.956,


145.425


 12, 55.956,
145.425


 2, 55.956, 145.425


 92, 55.956,
145.425


 92, 55.956,
145.425

 91, 69.491,
144.278


 94, 41.824,
146.421

 90, 82.078,
142.981

 95, 27.390,
147.280

 89, 93.341,
141.557

 98, 12.898,
148.026

 88, 102.895,
140.064

100, 0.637,
323.978

■ 88, 110.375,
138.603

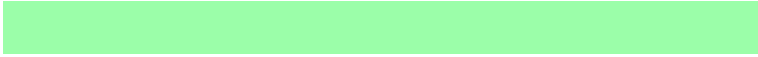
■ 88, 115.543,
137.332

■ 87, 115.954,
137.231

Harmonies

Complementary

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



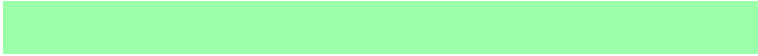
92, 55.956, 145.425



77, 55.965, 330.964

Rectangle

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



92, 55.956, 145.425



92, 55.956, 195.425



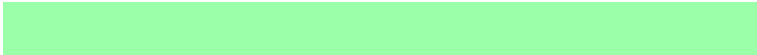
92, 55.956, 325.425



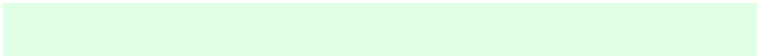
92, 55.956, 15.425

Sweetspot

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



92, 55.957, 145.425



97, 17.325, 147.810



97, 49.598, 112.398



52, 11.500, 147.714



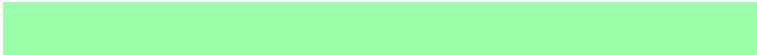
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



92, 55.957, 145.425



91, 67.091, 144.516



93, 37.969, 167.442



52, 8.196, 147.989



68, 93.182, 137.450



23, 40.753, 139.599

Inverse Universe

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



77, 55.965, 330.964



73, 66.853, 331.473



75, 41.537, 356.040



50, 8.216, 329.109



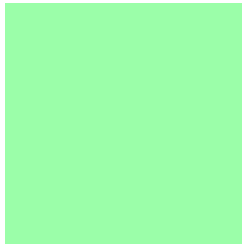
44, 83.310, 334.815



12, 38.836, 333.912

Previews

White Background



This preview shows how the CIE LCh color 92, 55.956, 145.425 looks on a white background.

Color Contrast Check

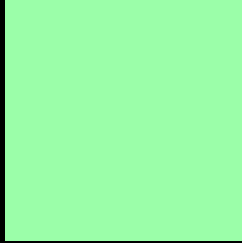
Large Text (above 18pt) WCAG AA × Fail

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, 55.956, 145.425 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, 55.956, 145.425

Background



This preview shows how black text looks on a background with the CIELCh color 92, 55.956, 145.425.

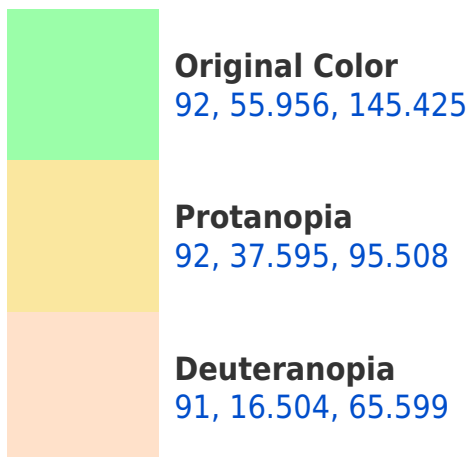


This preview shows how white text looks on a background with the CIELCh color 92, 55.956, 145.425.

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



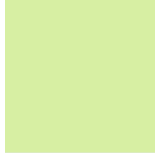


Tritanopia
92, 17.988, 224.193

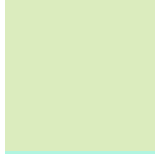
Trichromacy



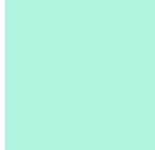
Original Color
92, 55.956, 145.425



Protanomaly
91, 39.761, 120.579



Deuteranomaly
91, 24.495, 123.370

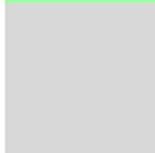


Tritanomaly
92, 25.648, 172.614

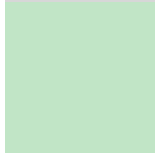
Monochromacy



Original Color
92, 55.956, 145.425



Achromatopsia
86, 0.010, 296.813



Achromatomaly
88, 20.875, 147.461

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 55.956, 145.425 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(155, 254, 169)` looks like.

```
.text, #text, p{  
    color:rgb(155, 254, 169)  
}
```

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(155, 254, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 254, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 55.956, 145.425 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(155, 254, 169) }
```

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

```
.border{ border-color:rgb(155, 254, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 254, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 254, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 254, 169);  
box-shadow:4px 4px 4px 4px rgb(155, 254,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 55.956, 145.425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 254, 169) }
```

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

```
.background{ background-color: rgb(155,  
254, 169) }
```

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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