

Converting Colors

CIELCh(100, 71.206, 143.745)

Have a look what the booklet for
CIELCh(100, 71.206, 143.745)
contains.

CIELCh(92, 56.326, 145.133)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(92, 56.326, 145.133)

Conversions

Conversions Part 1

Format	Color
Hex	9BFEA8
RGB	155, 254, 168
RGB Percent	61%, 100%, 66%
CMY	0.3919, 0.0038, 0.3408
CMYK	0.39, 0.00, 0.34, 0.00
HSL	128°, 98%, 80%
HSV	128°, 39%, 100%
XYZ	56.0547, 80.7044, 49.7153
YIQ	214.5950, -31.3980, -47.7340

Conversions

Conversions Part 2

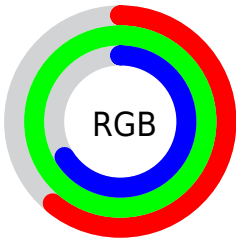
Format	Color
RYB	155, 243, 254
Decimal	10223272
CIELab	92.00, -46.21, 32.20
CIElCh	92, 56.326, 145.133
Yxy	80.7044, 0.3006, 0.4328
Android (android.graphics.Color)	4288413352 (0xFF9BFEA8)
YUV	214.5950, -22.9713, -52.2648
Hunter-Lab	89.8356, -45.8339, 30.0737

Details

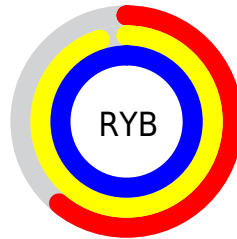
The CIELCh color **92, 56.326, 145.133** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **77, 56.316, 330.630**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 21.823, 151.614**, and **72, 56.533, 144.942** is the 20% darker color. If you saturate the color by 10%, you get **91, 69.951, 143.992**, and if you desaturate by 10%, it is **94, 42.095, 146.125**.

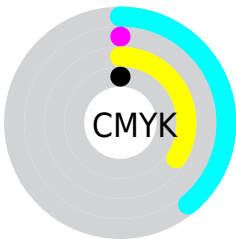
Distribution



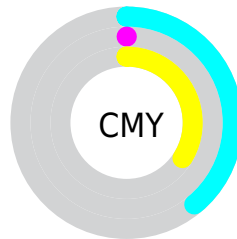
- Red (61%)
- Green (100%)
- Blue (66%)



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



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





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 56.326, 145.133 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, 56.326, 145.133 by changing the saturation by 10% instead.


 92, 56.326,
145.133


 92, 56.326,
145.133


 100, 56.326,
145.133


 82, 56.326,
145.133

 72, 56.326,
145.133

 62, 56.326,
145.133


 52, 56.326,
145.133

 42, 56.326,
145.133


 32, 56.326,
145.133


 22, 56.326,


145.133


 12, 56.326,
145.133


 2, 56.326, 145.133


 92, 56.326,
145.133


 92, 56.326,
145.133

 91, 69.951,
143.992


 94, 42.095,
146.125

 90, 82.613,
142.704

 95, 27.558,
146.980

 89, 93.923,
141.296

 98, 12.963,
147.722

 88, 103.480,
139.828

100, 0.611,
323.957

■ 88, 110.904,
138.407

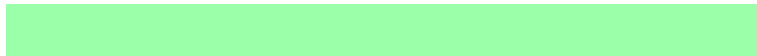
■ 88, 115.946,
137.192

■ 87, 116.347,
137.095

Harmonies

Complementary

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



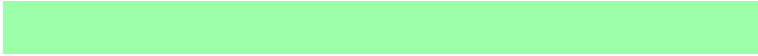
92, 56.326, 145.133



77, 56.316, 330.630

Rectangle

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



92, 56.326, 145.133



92, 56.326, 195.133



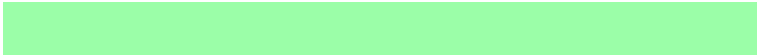
92, 56.326, 325.133



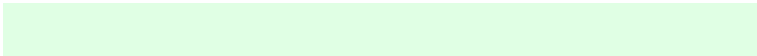
92, 56.326, 15.133

Sweetspot

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



92, 56.327, 145.133



97, 17.445, 147.506



97, 49.515, 111.660



52, 11.579, 147.411



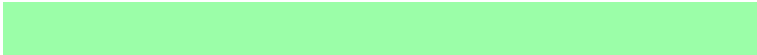
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

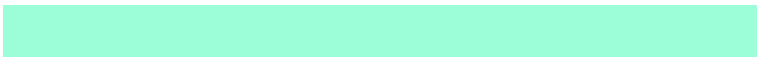
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 56.327, 145.133



91, 67.550, 144.227



93, 38.470, 166.397



52, 8.252, 147.684



68, 93.510, 137.304



23, 40.959, 139.393

Inverse Universe

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



77, 56.316, 330.630



73, 67.289, 331.129



75, 41.817, 354.911



50, 8.271, 328.797



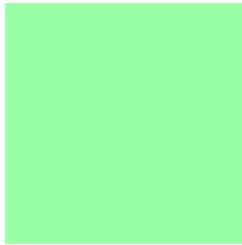
44, 83.936, 334.299



12, 39.094, 333.474

Previews

White Background



This preview shows how the CIE LCh color 92, 56.326, 145.133 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, 56.326, 145.133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

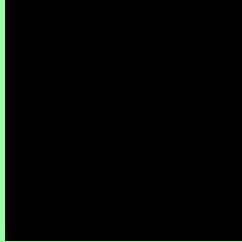
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

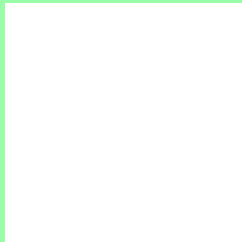
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 56.326, 145.133

Background



This preview shows how black text looks on a background with the CIELCh color 92, 56.326, 145.133.

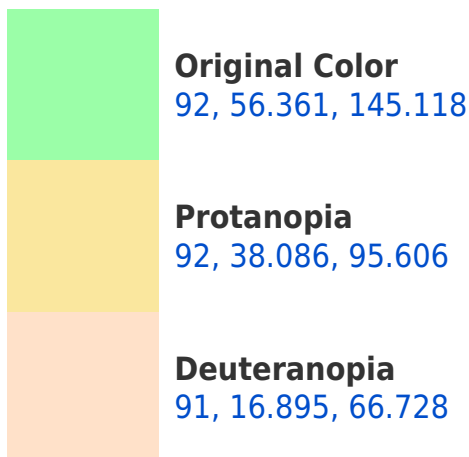


This preview shows how white text looks on a background with the CIELCh color 92, 56.326, 145.133.

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



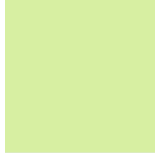


Tritanopia
92, 17.988, 224.193

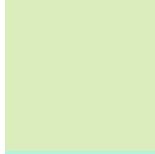
Trichromacy



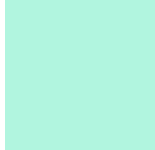
Original Color
92, 56.361, 145.118



Protanomaly
91, 40.243, 120.391



Deuteranomaly
91, 24.988, 123.046

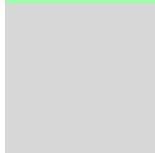


Tritanomaly
92, 25.916, 171.611

Monochromacy



Original Color
92, 56.361, 145.118



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, 56.326, 145.133 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, 168)` looks like.

```
.text, #text, p{  
    color:rgb(155, 254, 168)  
}
```

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, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 254, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 56.326, 145.133 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, 168) }
```

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

```
.border{ border-color:rgb(155, 254, 168) }
```

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, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 254, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 254, 168);  
box-shadow:4px 4px 4px 4px rgb(155, 254,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 56.326, 145.133 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, 168) }
```

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

```
.background{ background-color: rgb(155,  
254, 168) }
```

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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