

Converting Colors

CIELCh(92, 58.094, 145.131)

Have a look what the booklet for
CIELCh(92, 58.094, 145.131)
contains.

CIELCh(92, 58.328, 145.104)	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, 58.328, 145.104)

Conversions

Conversions Part 1

Format	Color
Hex	98FFA6
RGB	152, 255, 166
RGB Percent	60%, 100%, 65%
CMY	0.4051, 0.0012, 0.3502
CMYK	0.40, 0.00, 0.35, 0.00
HSL	128°, 99%, 80%
HSV	128°, 40%, 100%
XYZ	55.4052, 80.7044, 48.5920
YIQ	214.0570, -32.8190, -49.5150

Conversions

Conversions Part 2

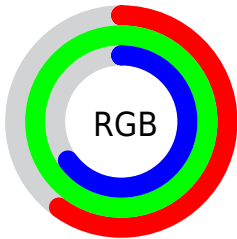
Format	Color
RYB	152, 243, 255
Decimal	10026918
CIELab	92.00, -47.84, 33.37
CIElCh	92, 58.328, 145.104
Yxy	80.7044, 0.3000, 0.4369
Android (android.graphics.Color)	4288216998 (0xFF98FFA6)
YUV	214.0570, -23.6921, -54.4240
Hunter-Lab	89.8356, -47.1244, 30.8150

Details

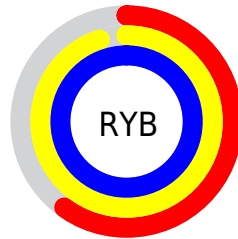
The CIELCh color **92, 58.328, 145.104** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **76, 58.296, 330.871**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 23.306, 151.695**, and **72, 58.660, 145.016** is the 20% darker color. If you saturate the color by 10%, you get **91, 71.824, 143.938**, and if you desaturate by 10%, it is **94, 44.180, 146.120**.

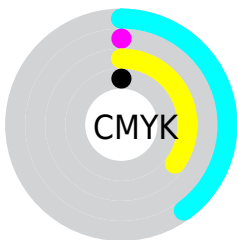
Distribution



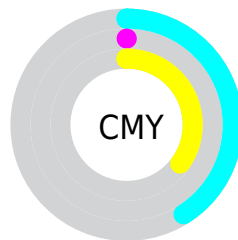
- Red (60%)
- Green (100%)
- Blue (65%)



- Red (60%)
- Yellow (95%)
- Blue (100%)



- Cyan (40%)
- Magenta (0%)
- Yellow (35%)
- Black (0%)





- Cyan (41%)
- Magenta (0%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 58.328, 145.104 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, 58.328, 145.104 by changing the saturation by 10% instead.


 92, 58.328,
145.104


 92, 58.328,
145.104


 100, 58.328,
145.104


 82, 58.328,
145.104

 72, 58.328,
145.104

 62, 58.328,
145.104

 52, 58.328,
145.104

 42, 58.328,
145.104

 32, 58.328,
145.104

 22, 58.328,

145.104

■ 12, 58.328,
145.104

■ 2, 58.328, 145.104

■ 92, 58.328,
145.104

■ 92, 58.328,
145.104

■ 91, 71.824,
143.938

■ 94, 44.180,
146.120

■ 90, 84.306,
142.625

■ 95, 29.686,
146.996

■ 89, 95.388,
141.195

■ 97, 15.101,
147.753

■ 88, 104.674,
139.714

■ 100, 0.622,
148.931

■ 88, 111.800,
138.292

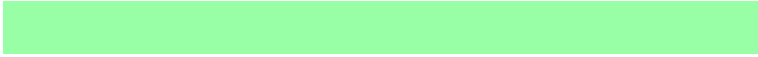
100, 0.205,
322.939

■ 88, 116.412,
137.153

Harmonies

Complementary

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



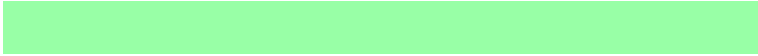
92, 58.328, 145.104



76, 58.296, 330.871

Rectangle

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



92, 58.328, 145.104



92, 58.328, 195.104



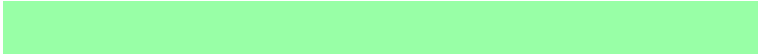
92, 58.328, 325.104



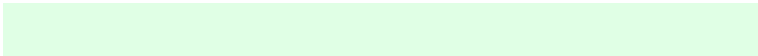
92, 58.328, 15.104

Sweetspot

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



92, 58.329, 145.104



97, 17.391, 147.641



97, 51.485, 112.291



52, 11.544, 147.546



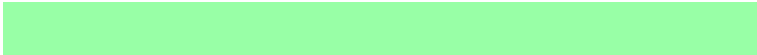
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



92, 58.329, 145.104



91, 70.004, 144.115



93, 39.363, 167.256



52, 8.227, 147.820



68, 93.365, 137.369



23, 40.867, 139.485

Inverse Universe

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



76, 58.296, 330.871



72, 69.653, 331.407



74, 43.203, 356.273



50, 8.246, 328.936



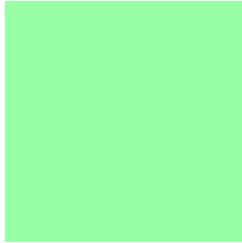
44, 83.655, 334.528



12, 38.978, 333.669

Previews

White Background



This preview shows how the CIE LCh color 92, 58.328, 145.104 looks on a white background.

Color Contrast Check

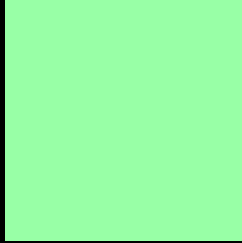
Large Text (above 18pt) WCAG AA × Fail

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, 58.328, 145.104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

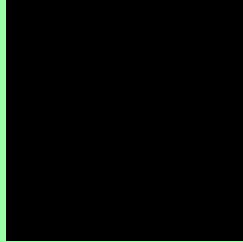
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

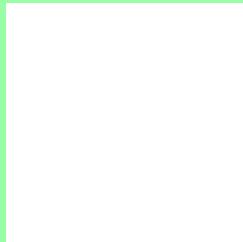
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 58.328, 145.104

Background



This preview shows how black text looks on a background with the CIELCh color 92, 58.328, 145.104.

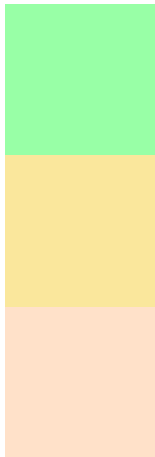


This preview shows how white text looks on a background with the CIELCh color 92, 58.328, 145.104.

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, 58.328, 145.104

Protanopia
92, 39.067, 95.791

Deuteranopia
91, 16.895, 66.728

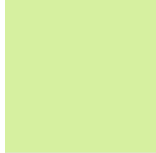


Tritanopia
92, 18.256, 223.774

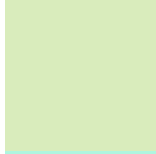
Trichromacy



Original Color
92, 58.328, 145.104



Protanomaly
91, 41.850, 120.862

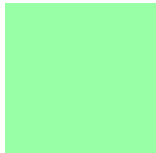


Deuteranomaly
91, 25.691, 124.321

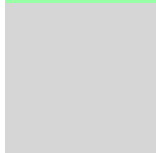


Tritanomaly
92, 26.469, 172.148

Monochromacy



Original Color
92, 58.328, 145.104



Achromatopsia
86, 0.010, 296.813



Achromatomaly
88, 22.157, 147.166

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 58.328, 145.104 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(152, 255, 166)` looks like.

```
.text, #text, p{  
    color:rgb(152, 255, 166)  
}
```

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(152, 255, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 255, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 58.328, 145.104 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(152, 255, 166) }
```

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

```
.border{ border-color:rgb(152, 255, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 255, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 255, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 255, 166);  
box-shadow:4px 4px 4px 4px rgb(152, 255,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 58.328, 145.104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 255, 166) }
```

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

```
.background{ background-color: rgb(152,  
255, 166) }
```

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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