

Converting Colors

CIELCh(92, 58.529, 137.430)

Have a look what the booklet for
CIELCh(92, 58.529, 137.430)
contains.

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Color

CIELCh(92, 58.565, 137.348)

Conversions

Conversions Part 1

Format	Color
Hex	AAFC99
RGB	170, 252, 153
RGB Percent	67%, 99%, 60%
CMY	0.3322, 0.0105, 0.3989
CMYK	0.33, 0.00, 0.39, 0.01
HSL	110°, 95%, 80%
HSV	110°, 39%, 99%
XYZ	57.3238, 80.7044, 42.8173
YIQ	216.1960, -17.0930, -48.1730

Conversions

Conversions Part 2

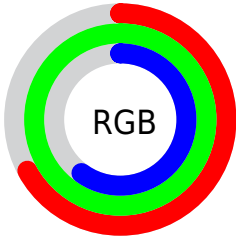
Format	Color
RYB	153, 252, 235
Decimal	11205785
CIELab	92.00, -43.07, 39.68
CIElCh	92, 58.565, 137.348
Yxy	80.7044, 0.3170, 0.4463
Android (android.graphics.Color)	4289395865 (0xFFAAFC99)
YUV	216.1960, -31.1556, -40.5139
Hunter-Lab	89.8356, -43.3122, 34.6263

Details

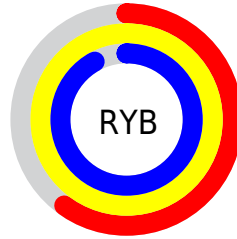
The CIELCh color **92, 58.565, 137.348** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **75, 59.381, 321.411**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 25.865, 130.813**, and **72, 58.876, 137.307** is the 20% darker color. If you saturate the color by 10%, you get **91, 72.704, 136.618**, and if you desaturate by 10%, it is **94, 43.844, 138.038**.

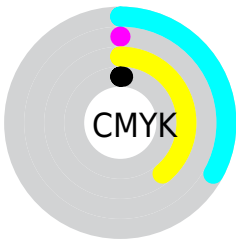
Distribution



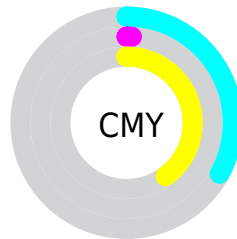
- Red (67%)
- Green (99%)
- Blue (60%)



- Red (60%)
- Yellow (99%)
- Blue (92%)



- Cyan (33%)
- Magenta (0%)
- Yellow (39%)
- Black (1%)



- Cyan (33%)
- Magenta (1%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 58.565, 137.348 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, 58.565, 137.348 by changing the saturation by 10% instead.

 92, 58.565,
137.348

 92, 58.565,
137.348

 100, 58.565,
137.348

 82, 58.565,
137.348

 72, 58.565,
137.348

 62, 58.565,
137.348


 52, 58.565,
137.348

 42, 58.565,
137.348


 32, 58.565,
137.348

 22, 58.565,


137.348

 12, 58.565,
137.348


 2, 58.565, 137.348

 92, 58.565,
137.348


 92, 58.565,
137.348


 91, 72.704,
136.618


 94, 43.844,
138.038

 90, 85.842,
135.895

 95, 28.846,
138.664

 89, 97.440,
135.267

 97, 13.801,
139.223

 88, 106.852,
134.859

 99, 1.128, 319.453

 99, 1.676, 324.316

■ 88, 113.468,
134.800

■ 87, 117.166,
135.100

■ 87, 117.381,
135.119

Harmonies

Complementary

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



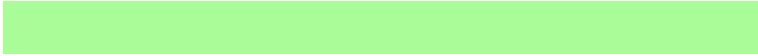
92, 58.565, 137.348



75, 59.381, 321.411

Rectangle

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



92, 58.565, 137.348



92, 58.565, 187.348



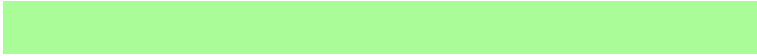
92, 58.565, 317.348



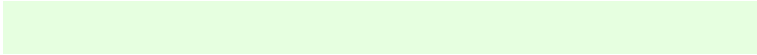
92, 58.565, 7.348

Sweetspot

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



92, 58.567, 137.349



98, 18.092, 139.075



93, 41.775, 96.780



52, 12.008, 139.003



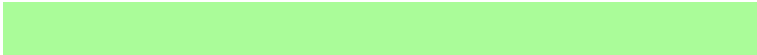
0, 0.000, 0.000



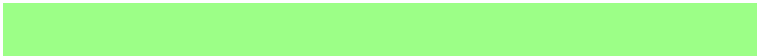
53, 0.007, 296.813

Same Dimension

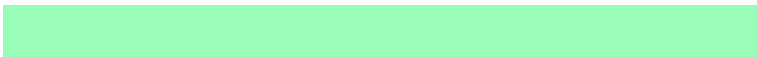
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 58.567, 137.349



92, 70.195, 136.781



92, 49.126, 151.474



51, 8.419, 139.210



67, 94.178, 134.976



22, 41.110, 134.582

Inverse Universe

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



75, 59.381, 321.411



71, 71.252, 321.711



75, 49.773, 338.008



49, 8.461, 320.062



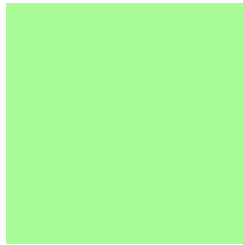
39, 93.547, 321.697



9, 42.208, 322.483

Previews

White Background



This preview shows how the CIE LCh color 92, 58.565, 137.348 looks on a white background.

Color Contrast Check

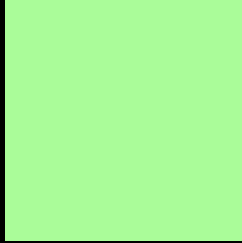
Large Text (above 18pt) WCAG AA × Fail

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, 58.565, 137.348 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, 58.565, 137.348

Background



This preview shows how black text looks on a background with the CIELCh color 92, 58.565, 137.348.

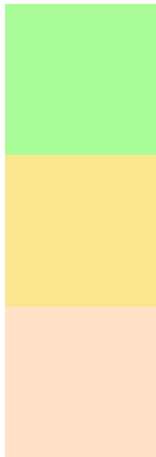


This preview shows how white text looks on a background with the CIELCh color 92, 58.565, 137.348.

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, 58.565, 137.348

Protanopia
92, 44.587, 95.564

Deuteranopia
92, 17.842, 70.764

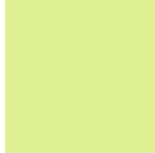


Tritanopia
92, 16.051, 232.099

Trichromacy



Original Color
92, 58.565, 137.348



Protanomaly
91, 46.428, 114.812



Deuteranomaly
91, 28.040, 117.333

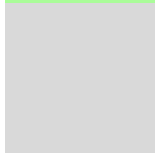


Tritanomaly
92, 23.522, 164.507

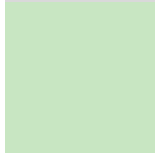
Monochromacy



Original Color
92, 58.565, 137.348



Achromatopsia
87, 0.010, 296.813



Achromatomaly
88, 21.772, 139.023

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 58.565, 137.348 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(170, 252, 153)` looks like.

```
.text, #text, p{  
    color:rgb(170, 252, 153)  
}
```

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(170, 252, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 252, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 58.565, 137.348 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(170, 252, 153) }
```

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

```
.border{ border-color:rgb(170, 252, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 252, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 252, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 252, 153);  
box-shadow:4px 4px 4px 4px rgb(170, 252,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 58.565, 137.348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 252, 153) }
```

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

```
.background{ background-color: rgb(170,  
252, 153) }
```

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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