

Converting Colors

CIELCh(92, 51.396, 126.094)

Have a look what the booklet for
CIELCh(92, 51.396, 126.094)
contains.

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Color

CIELCh(92, 51.396, 126.094)

Conversions

Conversions Part 1

Format	Color
Hex	C9F696
RGB	201, 246, 150
RGB Percent	79%, 96%, 59%
CMY	0.2109, 0.0344, 0.4109
CMYK	0.18, 0.00, 0.39, 0.03
HSL	88°, 85%, 78%
HSV	88°, 39%, 97%
XYZ	62.6921, 80.7044, 41.2156
YIQ	221.6010, 3.9960, -39.3960

Conversions

Conversions Part 2

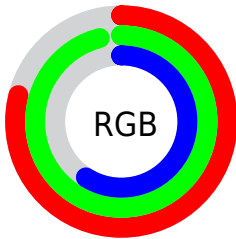
Format	Color
RYB	150, 246, 195
Decimal	13235862
CIELab	92.00, -30.28, 41.53
CIElCh	92, 51.396, 126.094
Yxy	80.7044, 0.3396, 0.4372
Android (android.graphics.Color)	4291425942 (0xFFC9F696)
YUV	221.6010, -35.2993, -18.0671
Hunter-Lab	89.8356, -32.6456, 35.6833

Details

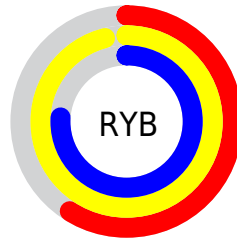
The CIELCh color **92, 51.396, 126.094** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **70, 54.627, 310.033**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 25.235, 108.263**, and **72, 51.523, 126.448** is the 20% darker color. If you saturate the color by 10%, you get **91, 63.895, 125.655**, and if you desaturate by 10%, it is **93, 38.440, 126.584**.

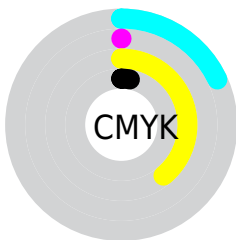
Distribution



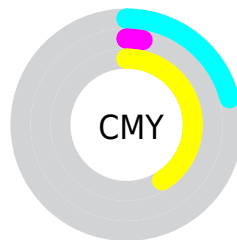
- Red (79%)
- Green (96%)
- Blue (59%)



- Red (59%)
- Yellow (96%)
- Blue (76%)



- Cyan (18%)
- Magenta (0%)
- Yellow (39%)
- Black (3%)





- Cyan (21%)
- Magenta (3%)
- Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 51.396, 126.094 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, 51.396, 126.094 by changing the saturation by 10% instead.


 92, 51.396,
126.094


 92, 51.396,
126.094


 100, 51.396,
126.094


 82, 51.396,
126.094

 72, 51.396,
126.094

 62, 51.396,
126.094

 52, 51.396,
126.094

 42, 51.396,
126.094

 32, 51.396,
126.094

 22, 51.396,

126.094

■ 12, 51.396,
126.094

■ 2, 51.396, 126.094

■ 92, 51.396,
126.094

■ 92, 51.396,
126.094

■ 91, 63.895,
125.655

■ 93, 38.440,
126.584

■ 90, 75.615,
125.323

■ 94, 25.239,
127.082

■ 89, 86.112,
125.192

■ 96, 11.943,
127.570

■ 89, 94.819,
125.385

■ 97, 1.343, 307.920

■ 98, 5.461, 324.575

■ 88, 101.187,
126.028

■ 87, 105.114,
127.151

■ 87, 105.450,
127.268

Harmonies

Complementary

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



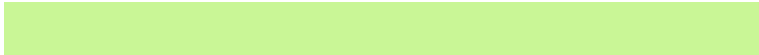
92, 51.396, 126.094



70, 54.627, 310.033

Rectangle

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



92, 51.396, 126.094



92, 51.396, 176.094



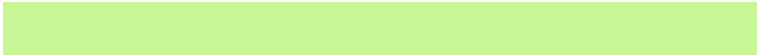
92, 51.396, 306.094



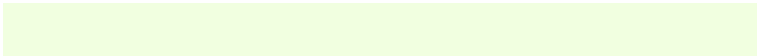
92, 51.396, 356.094

Sweetspot

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



92, 51.398, 126.095



98, 16.400, 127.423



82, 32.013, 67.069



52, 10.880, 127.360



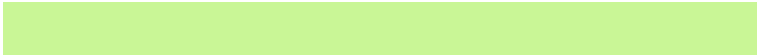
0, 0.000, 0.000



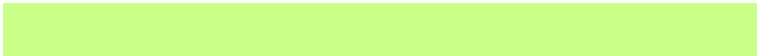
53, 0.007, 296.813

Same Dimension

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



92, 51.398, 126.095



94, 63.213, 125.733



89, 59.557, 140.736



51, 7.511, 127.546



68, 85.250, 126.981



22, 36.159, 125.702

Inverse Universe

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



70, 54.627, 310.033



66, 68.175, 310.508



75, 59.595, 325.564



47, 7.622, 308.402



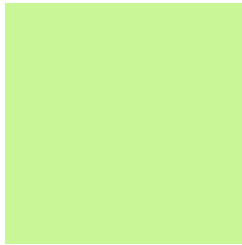
28, 99.172, 311.204



5, 41.407, 311.477

Previews

White Background



This preview shows how the CIELCh color 92, 51.396, 126.094 looks on a white background.

Color Contrast Check

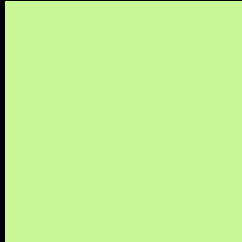
Large Text (above 18pt) WCAG AA × Fail

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, 51.396, 126.094 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, 51.396, 126.094

Background



This preview shows how black text looks on a background with the CIELCh color 92, 51.396, 126.094.

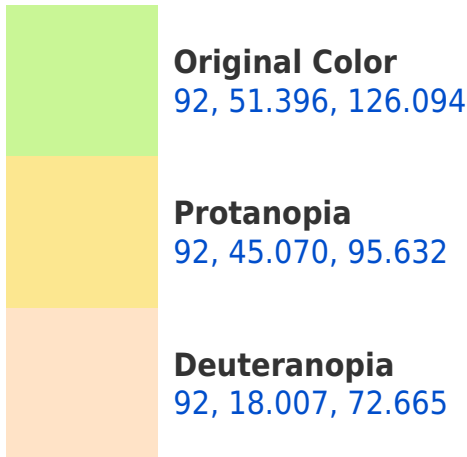


This preview shows how white text looks on a background with the CIELCh color 92, 51.396, 126.094.

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



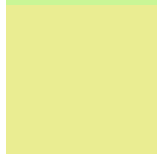


Tritanopia
92, 11.411, 258.935

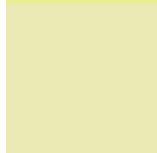
Trichromacy



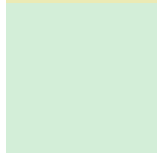
Original Color
92, 51.396, 126.094



Protanomaly
92, 45.968, 107.959



Deuteranomaly
92, 27.152, 107.163

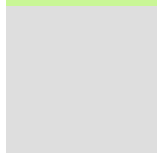


Tritanomaly
92, 15.003, 149.293

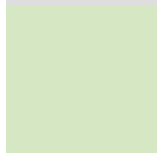
Monochromacy



Original Color
92, 51.396, 126.094



Achromatopsia
88, 0.011, 296.813



Achromatomaly
90, 19.192, 127.882

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 51.396, 126.094 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(201, 246, 150)` looks like.

```
.text, #text, p{  
    color:rgb(201, 246, 150)  
}
```

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(201, 246, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 246, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 51.396, 126.094 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(201, 246, 150) }
```

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

```
.border{ border-color:rgb(201, 246, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 246, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 246, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 246, 150);  
box-shadow:4px 4px 4px 4px rgb(201, 246,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 51.396, 126.094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 246, 150) }
```

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

```
.background{ background-color: rgb(201,  
246, 150) }
```

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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