

Converting Colors

CIELCh(90, 51.142, 126.250)

Have a look what the booklet for
CIELCh(90, 51.142, 126.250)
contains.

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Color

CIELCh(90, 51.142, 126.250)

Conversions

Conversions Part 1

Format	Color
Hex	C3F091
RGB	195, 240, 145
RGB Percent	76%, 94%, 57%
CMY	0.2336, 0.0570, 0.4297
CMYK	0.19, 0.00, 0.40, 0.06
HSL	88°, 77%, 76%
HSV	88°, 40%, 94%
XYZ	59.0556, 76.3034, 38.5728
YIQ	215.7150, 3.6750, -39.0850

Conversions

Conversions Part 2

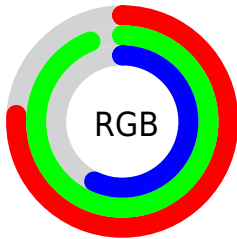
Format	Color
RYB	145, 240, 190
Decimal	12841105
CIELab	90.00, -30.24, 41.24
CIElCh	90, 51.142, 126.250
Yxy	76.3034, 0.3395, 0.4387
Android (android.graphics.Color)	4291031185 (0xFFC3F091)
YUV	215.7150, -34.8625, -18.1671
Hunter-Lab	87.3518, -32.1877, 34.9650

Details

The CIELCh color **90, 51.142, 126.250** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **68, 54.366, 310.217**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 27.750, 109.627**, and **70, 51.132, 126.209** is the 20% darker color. If you saturate the color by 10%, you get **89, 63.393, 125.815**, and if you desaturate by 10%, it is **91, 38.432, 126.737**.

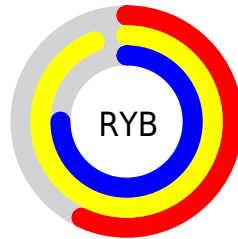
Distribution



Red (76%)

Green (94%)

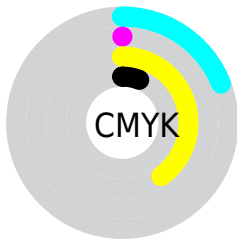
Blue (57%)



Red (57%)

Yellow (94%)

Blue (75%)

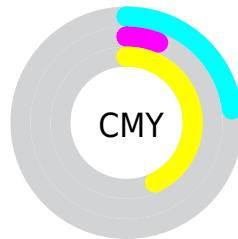


Cyan (19%)

Magenta (0%)

Yellow (40%)

Black (6%)



Cyan (23%)


Magenta (6%)


Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 51.142, 126.250 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 90, 51.142, 126.250 by changing the saturation by 10% instead.


 90, 51.142,
126.250


 90, 51.142,
126.250


 100, 51.142,
126.250


 80, 51.142,
126.250

 70, 51.142,
126.250

 60, 51.142,
126.250


 50, 51.142,
126.250

 40, 51.142,
126.250


 30, 51.142,
126.250


 20, 51.142,


126.250


 10, 51.142,
126.250

 0, 51.142, 126.250


 90, 51.142,
126.250


 90, 51.142,
126.250


 89, 63.393,
125.815


 91, 38.432,
126.737

 88, 74.864,
125.490

 92, 25.473,
127.234

 87, 85.113,
125.370

 94, 12.417,
127.720

 87, 93.583,
125.578

 95, 0.633, 307.965

 96, 8.584, 319.645

■ 86, 99.742,
126.240

■ 96, 9.066, 324.723

■ 86, 103.562,
127.364

■ 86, 103.721,
127.419

Harmonies

Complementary

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



90, 51.142, 126.250



68, 54.366, 310.217

Rectangle

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



90, 51.142, 126.250



90, 51.142, 176.250



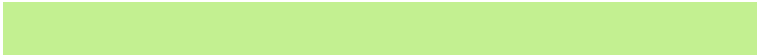
90, 51.142, 306.250



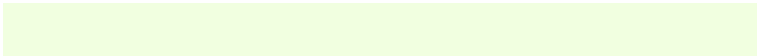
90, 51.142, 356.250

Sweetspot

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



90, 51.144, 126.251



98, 16.418, 127.599



80, 31.868, 67.013



52, 10.892, 127.535



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



90, 51.144, 126.251



94, 63.294, 125.911



87, 59.186, 140.691



50, 7.390, 127.722



67, 84.502, 127.138



20, 34.858, 126.074

Inverse Universe

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



68, 54.366, 310.217



66, 68.202, 310.659



73, 59.219, 325.586



46, 7.498, 308.571



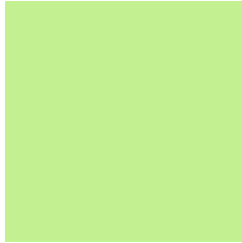
28, 98.047, 311.320



5, 39.528, 311.229

Previews

White Background



This preview shows how the CIELCh color 90, 51.142, 126.250 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 90, 51.142, 126.250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

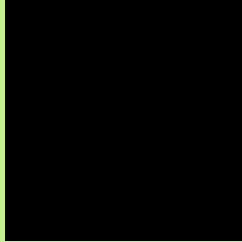
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 51.142, 126.250

Background



This preview shows how black text looks on a background with the CIELCh color 90, 51.142, 126.250.

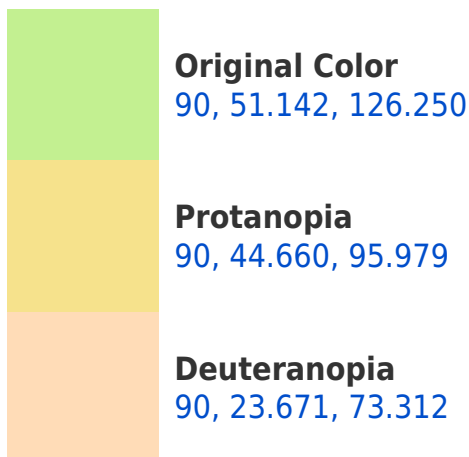


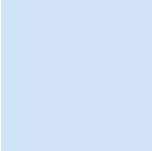
This preview shows how white text looks on a background with the CIELCh color 90, 51.142, 126.250.

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



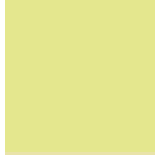


Tritanopia
90, 11.462, 258.987

Trichromacy



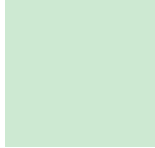
Original Color
90, 51.142, 126.250



Protanomaly
90, 45.173, 107.986



Deuteranomaly
89, 29.925, 103.193

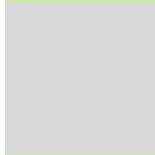


Tritanomaly
90, 15.701, 149.022

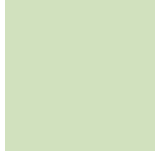
Monochromacy



Original Color
90, 51.142, 126.250



Achromatopsia
86, 0.010, 296.813



Achromatomaly
88, 19.162, 126.835

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 51.142, 126.250 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(195, 240, 145)` looks like.

```
.text, #text, p{  
    color:rgb(195, 240, 145)  
}
```

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(195, 240, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 240, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 51.142, 126.250 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(195, 240, 145) }
```

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

```
.border{ border-color:rgb(195, 240, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 240, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 240, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 240, 145);  
box-shadow:4px 4px 4px 4px rgb(195, 240,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 51.142, 126.250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 240, 145) }
```

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

```
.background{ background-color: rgb(195,  
240, 145) }
```

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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