

Converting Colors

CIELCh(92, 50.489, 136.701)

Have a look what the booklet for
CIELCh(92, 50.489, 136.701)
contains.

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Color

CIELCh(92, 50.505, 136.669)

Conversions

Conversions Part 1

Format	Color
Hex	B6FAA4
RGB	182, 250, 164
RGB Percent	71%, 98%, 64%
CMY	0.2877, 0.0211, 0.3582
CMYK	0.27, 0.00, 0.34, 0.02
HSL	107°, 89%, 81%
HSV	107°, 34%, 98%
XYZ	59.9420, 80.7044, 47.3735
YIQ	219.8640, -12.9220, -41.1620

Conversions

Conversions Part 2

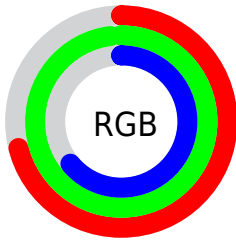
Format	Color
RYB	164, 250, 232
Decimal	11991716
CIELab	92.00, -36.74, 34.66
CIElCh	92, 50.505, 136.669
Yxy	80.7044, 0.3188, 0.4292
Android (android.graphics.Color)	4290181796 (0xFFB6FAA4)
YUV	219.8640, -27.5410, -33.2067
Hunter-Lab	89.8356, -38.1098, 31.6192

Details

The CIELCh color **92, 50.505, 136.669** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **76, 51.336, 320.060**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 18.713, 126.920**, and **72, 50.533, 136.555** is the 20% darker color. If you saturate the color by 10%, you get **91, 64.699, 136.005**, and if you desaturate by 10%, it is **94, 35.916, 137.292**.

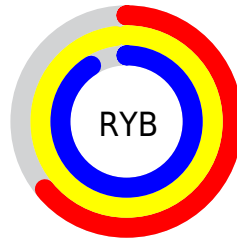
Distribution



Red (71%)

Green (98%)

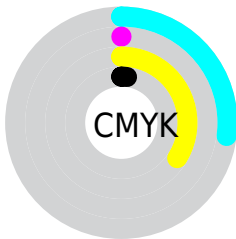
Blue (64%)



Red (64%)

Yellow (98%)

Blue (91%)

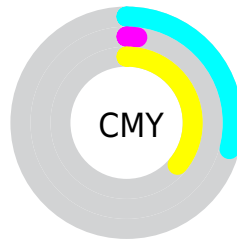


Cyan (27%)

Magenta (0%)

Yellow (34%)

Black (2%)



Cyan (29%)


Magenta (2%)


Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 50.505, 136.669 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, 50.505, 136.669 by changing the saturation by 10% instead.

 92, 50.505,
136.669


 92, 50.505,
136.669

 100, 50.505,
136.669


 82, 50.505,
136.669

 72, 50.505,
136.669

 62, 50.505,
136.669

 52, 50.505,
136.669

 42, 50.505,
136.669

 32, 50.505,
136.669

 22, 50.505,


136.669


 12, 50.505,
136.669


 2, 50.505, 136.669


 92, 50.505,
136.669


 92, 50.505,
136.669

 91, 64.699,
136.005

 94, 35.916,
137.292

 89, 78.150,
135.335

 95, 21.178,
137.857

 88, 90.401,
134.730

 97, 6.475, 138.376

 88, 100.866,
134.298

 99, 3.346, 324.466

■ 87,108.900,
134.172

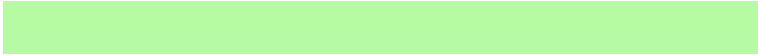
■ 87,114.033,
134.453

■ 86,115.817,
134.718

Harmonies

Complementary

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



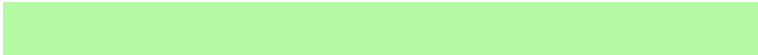
92, 50.505, 136.669



76, 51.336, 320.060

Rectangle

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



92, 50.505, 136.669



92, 50.505, 186.669



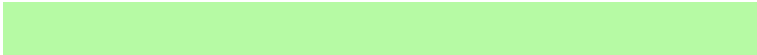
92, 50.505, 316.669



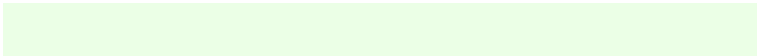
92, 50.505, 6.669

Sweetspot

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



92, 50.507, 136.670



98, 14.889, 138.088



92, 35.273, 95.237



52, 10.165, 138.016



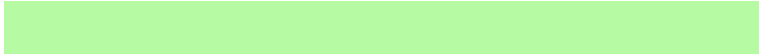
0, 0.000, 0.000



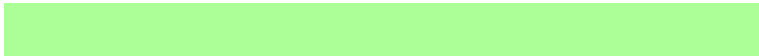
53, 0.007, 296.813

Same Dimension

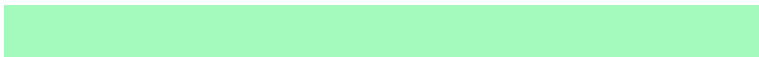
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 50.507, 136.670



93, 60.918, 136.234



92, 44.017, 150.733



51, 8.323, 138.115



67, 93.659, 134.556



22, 40.810, 133.990

Inverse Universe

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



76, 51.336, 320.060



74, 62.064, 320.331



77, 44.448, 336.124



49, 8.372, 318.939



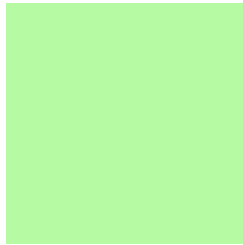
38, 94.044, 320.373



9, 42.388, 321.303

Previews

White Background



This preview shows how the CIE LCh color 92, 50.505, 136.669 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, 50.505, 136.669 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, 50.505, 136.669

Background



This preview shows how black text looks on a background with the CIELCh color 92, 50.505, 136.669.

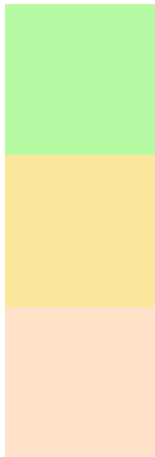


This preview shows how white text looks on a background with the CIELCh color 92, 50.505, 136.669.

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](#).

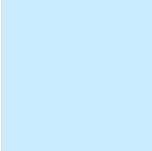
Dichromacy



Original Color
92, 50.505, 136.669

Protanopia
92, 39.067, 95.791

Deuteranopia
92, 17.019, 68.775

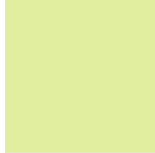


Tritanopia
92, 14.830, 237.923

Trichromacy



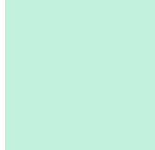
Original Color
92, 50.505, 136.669



Protanomaly
92, 40.418, 114.192



Deuteranomaly
91, 24.764, 114.352

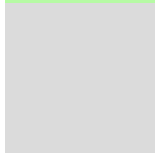


Tritanomaly
92, 19.780, 166.570

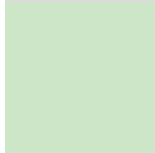
Monochromacy



Original Color
92, 50.505, 136.669



Achromatopsia
87, 0.010, 296.813



Achromatomaly
89, 18.576, 138.369

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 50.505, 136.669 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(182, 250, 164)` looks like.

```
.text, #text, p{  
    color:rgb(182, 250, 164)  
}
```

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(182, 250, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 250, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 50.505, 136.669 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(182, 250, 164) }
```

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

```
.border{ border-color:rgb(182, 250, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 250, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 250, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 250, 164);  
box-shadow:4px 4px 4px 4px rgb(182, 250,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 50.505, 136.669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 250, 164) }
```

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

```
.background{ background-color: rgb(182,  
250, 164) }
```

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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