

Converting Colors

CIELCh(93, 39.809, 141.074)

Have a look what the booklet for
CIELCh(93, 39.809, 141.074)
contains.

CIELCh(93, 39.462, 141.167)	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(93, 39.462, 141.167)

Conversions

Conversions Part 1

Format	Color
Hex	BEFABA
RGB	190, 250, 186
RGB Percent	75%, 98%, 73%
CMY	0.2544, 0.0191, 0.2701
CMYK	0.24, 0.00, 0.26, 0.02
HSL	116°, 87%, 86%
HSV	116°, 26%, 98%
XYZ	64.3698, 82.9670, 59.1454
YIQ	224.7640, -15.2160, -32.6240

Conversions

Conversions Part 2

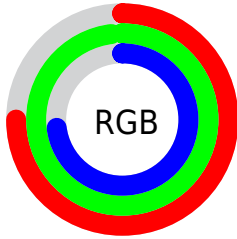
Format	Color
R _{YB}	186, 250, 246
Decimal	12516026
CIE _{Lab}	93.00, -30.74, 24.74
CIE _{LCh}	93, 39.462, 141.167
Yxy	82.9670, 0.3117, 0.4018
Android (android.graphics.Color)	4290706106 (0xFFBEFABA)
YUV	224.7640, -19.1107, -30.4880
Hunter-Lab	91.0862, -33.2567, 25.2613

Details

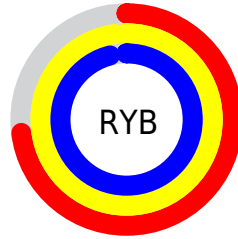
The CIELCh color **93, 39.462, 141.167** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **83, 39.598, 324.055**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 7.201, 132.808**, and **73, 39.165, 141.483** is the 20% darker color. If you saturate the color by 10%, you get **91, 54.701, 140.362**, and if you desaturate by 10%, it is **95, 23.999, 141.872**.

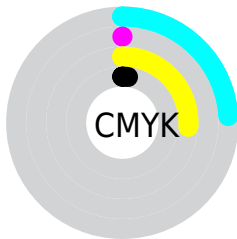
Distribution



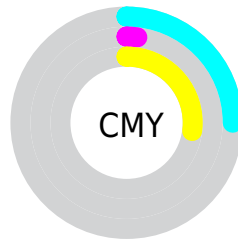
- Red (75%)
- Green (98%)
- Blue (73%)



- Red (73%)
- Yellow (98%)
- Blue (96%)



- Cyan (24%)
- Magenta (0%)
- Yellow (26%)
- Black (2%)





- Cyan (25%)
- Magenta (2%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 39.462, 141.167 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 93, 39.462, 141.167 by changing the saturation by 10% instead.


 93, 39.462,
141.167


 93, 39.462,
141.167


 100, 39.462,
141.167


 83, 39.462,
141.167

 73, 39.462,
141.167

 63, 39.462,
141.167

 53, 39.462,
141.167

 43, 39.462,
141.167

 33, 39.462,
141.167

 23, 39.462,

141.167

■ 13, 39.462,
141.167

■ 3, 39.462, 141.167

■ 93, 39.462,
141.167

■ 93, 39.462,
141.167

■ 91, 54.701,
140.362

■ 95, 23.999,
141.872

■ 90, 69.384,
139.463

■ 97, 8.551, 142.494

■ 89, 83.091,
138.500

■ 99, 3.029, 324.445

■ 88, 95.289,
137.539

■ 87, 105.343,
136.693

■ 87, 112.613,
136.102

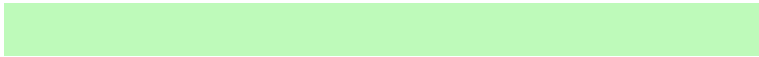
■ 86, 116.716,
135.875

■ 86, 117.738,
135.828

Harmonies

Complementary

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



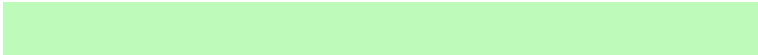
93, 39.462, 141.167



83, 39.598, 324.055

Rectangle

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



93, 39.462, 141.167



93, 39.462, 191.167



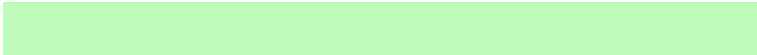
93, 39.462, 321.167



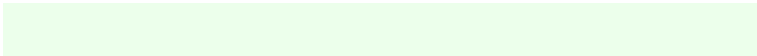
93, 39.462, 11.167

Sweetspot

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



93, 39.464, 141.167



98, 12.455, 142.347



96, 30.332, 104.711



52, 8.861, 142.256



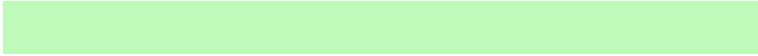
0, 0.000, 0.000



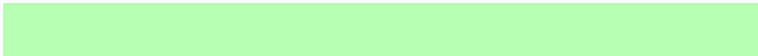
53, 0.007, 296.813

Same Dimension

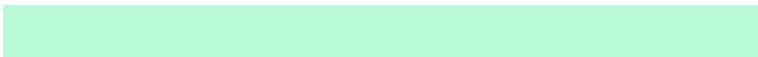
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 39.464, 141.167



94, 48.505, 140.742



93, 29.287, 157.994



51, 8.715, 142.257



67, 95.181, 135.762



22, 41.958, 136.159

Inverse Universe

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



83, 39.598, 324.055



81, 48.674, 324.324



82, 29.956, 342.390



49, 8.738, 323.222



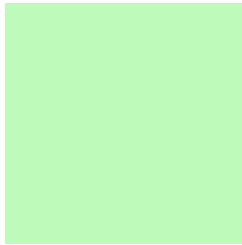
43, 92.482, 325.783



11, 41.819, 326.088

Previews

White Background



This preview shows how the CIE LCh color 93, 39.462, 141.167 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 93, 39.462, 141.167 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

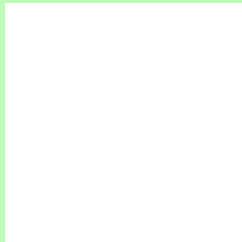
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 39.462, 141.167

Background



This preview shows how black text looks on a background with the CIELCh color 93, 39.462, 141.167.

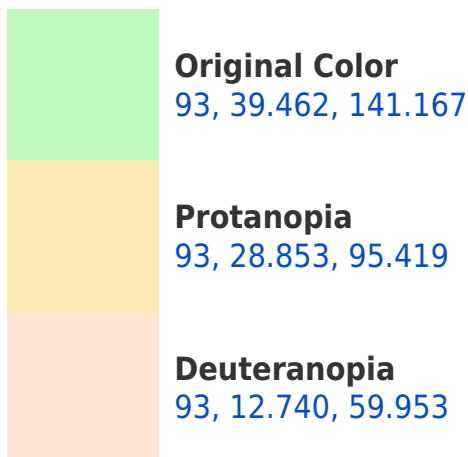


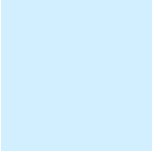
This preview shows how white text looks on a background with the CIELCh color 93, 39.462, 141.167.

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



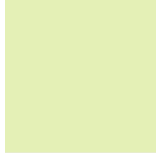


Tritanopia
93, 12.762, 239.437

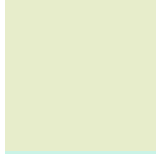
Trichromacy



Original Color
93, 39.462, 141.167



Protanomaly
93, 29.946, 116.613

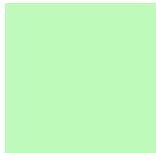


Deuteranomaly
93, 17.598, 116.063

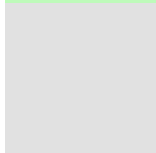


Tritanomaly
93, 15.797, 173.216

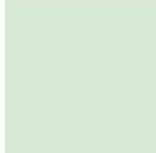
Monochromacy



Original Color
93, 39.462, 141.167



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 14.379, 142.746

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 39.462, 141.167 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(190, 250, 186)` looks like.

```
.text, #text, p{  
    color:rgb(190, 250, 186)  
}
```

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(190, 250, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 250, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 39.462, 141.167 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(190, 250, 186) }
```

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

```
.border{ border-color:rgb(190, 250, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 250, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 250, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 250, 186);  
box-shadow:4px 4px 4px 4px rgb(190, 250,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 39.462, 141.167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 250, 186) }
```

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

```
.background{ background-color: rgb(190,  
250, 186) }
```

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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