

Converting Colors

CIELCh(93, 36.871, 146.955)

Have a look what the booklet for
CIELCh(93, 36.871, 146.955)
contains.

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Color

CIElCh(93, 36.735, 147.084)

Conversions

Conversions Part 1

Format	Color
Hex	B9FAC3
RGB	185, 250, 195
RGB Percent	73%, 98%, 76%
CMY	0.2729, 0.0179, 0.2337
CMYK	0.26, 0.00, 0.22, 0.02
HSL	129°, 88%, 85%
HSV	129°, 26%, 98%
XYZ	64.3267, 82.9670, 64.4996
YIQ	224.2950, -21.0850, -30.8850

Conversions

Conversions Part 2

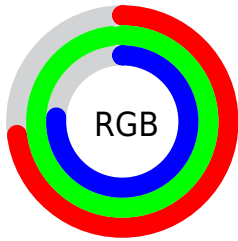
Format	Color
RYB	185, 241, 250
Decimal	12188355
CIELab	93.00, -30.84, 19.96
CIELCh	93, 36.735, 147.084
Yxy	82.9670, 0.3037, 0.3917
Android (android.graphics.Color)	4290378435 (0xFFB9FAC3)
YUV	224.2950, -14.4424, -34.4617
Hunter-Lab	91.0862, -33.3410, 21.7762

Details

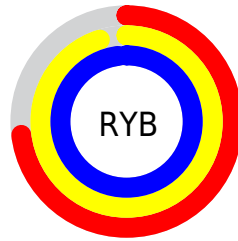
The CIELCh color **93, 36.735, 147.084** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **83, 36.835, 330.558**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 4.777, 180.596**, and **73, 36.763, 147.176** is the 20% darker color. If you saturate the color by 10%, you get **91, 50.705, 146.127**, and if you desaturate by 10%, it is **95, 22.553, 147.909**.

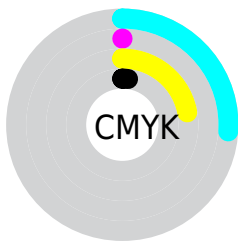
Distribution



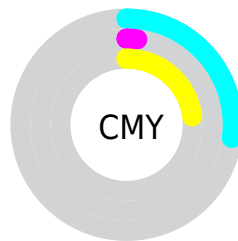
- Red (73%)
- Green (98%)
- Blue (76%)



- Red (73%)
- Yellow (95%)
- Blue (98%)



- Cyan (26%)
- Magenta (0%)
- Yellow (22%)
- Black (2%)





- Cyan (27%)
- Magenta (2%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 36.735, 147.084 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, 36.735, 147.084 by changing the saturation by 10% instead.


 93, 36.735,
147.084


 93, 36.735,
147.084


 100, 36.735,
147.084


 83, 36.735,
147.084

 73, 36.735,
147.084

 63, 36.735,
147.084

 53, 36.735,
147.084

 43, 36.735,
147.084

 33, 36.735,
147.084

 23, 36.735,

147.084

■ 13, 36.735,
147.084

■ 3, 36.735, 147.084

■ 93, 36.735,
147.084

■ 93, 36.735,
147.084

■ 91, 50.705,
146.127

■ 95, 22.553,
147.909

■ 90, 64.183,
145.021

■ 97, 8.373, 148.637

■ 99, 2.840, 324.432

■ 89, 76.853,
143.760

■ 88, 88.361,
142.356

■ 87, 98.342,
140.850

■ 87, 106.446,
139.324

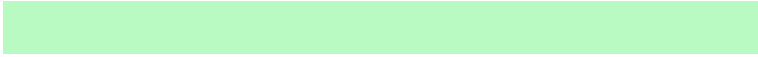
■ 86, 112.386,
137.903

■ 86, 114.185,
137.426

Harmonies

Complementary

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



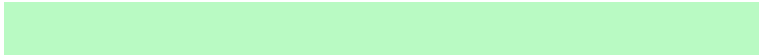
93, 36.735, 147.084



83, 36.835, 330.558

Rectangle

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



93, 36.735, 147.084



93, 36.735, 197.084



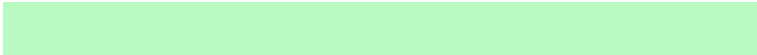
93, 36.735, 327.084



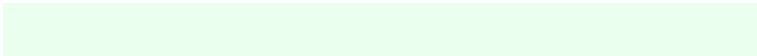
93, 36.735, 17.084

Sweetspot

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



93, 36.737, 147.084



98, 11.419, 148.491



96, 33.064, 114.100



52, 8.124, 148.384



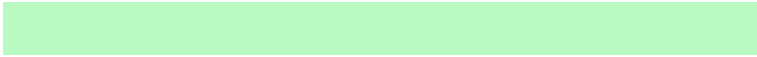
0, 0.000, 0.000



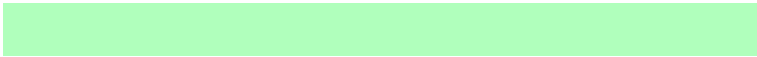
53, 0.007, 296.813

Same Dimension

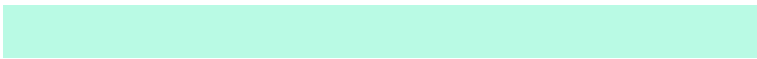
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 36.737, 147.084



94, 44.461, 146.617



94, 25.213, 170.052



51, 7.990, 148.386



67, 91.786, 137.663



22, 39.251, 140.085

Inverse Universe

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



83, 36.835, 330.558



81, 44.563, 330.883



82, 26.867, 355.321



49, 8.011, 329.512



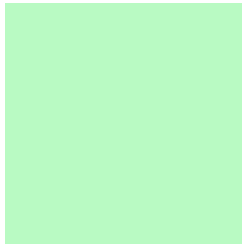
43, 81.709, 335.483



11, 37.526, 334.431

Previews

White Background



This preview shows how the CIELCh color 93, 36.735, 147.084 looks on a white background.

Color Contrast Check

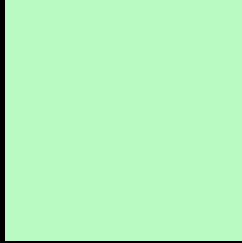
Large Text (above 18pt) WCAG AA × Fail

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, 36.735, 147.084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

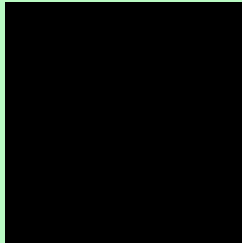
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

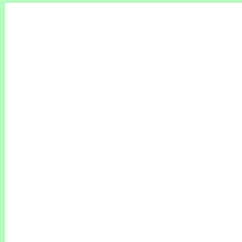
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 36.735, 147.084

Background



This preview shows how black text looks on a background with the CIELCh color 93, 36.735, 147.084.

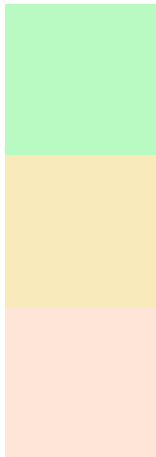


This preview shows how white text looks on a background with the CIELCh color 93, 36.735, 147.084.

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
93, 36.735, 147.084

Protanopia
93, 24.786, 94.742

Deuteranopia
93, 12.070, 56.386

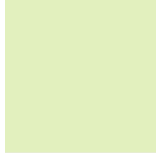


Tritanopia
93, 13.215, 234.875

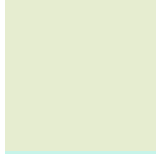
Trichromacy



Original Color
93, 36.735, 147.084



Protanomaly
93, 26.116, 119.797

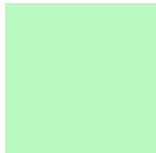


Deuteranomaly
93, 15.129, 118.806

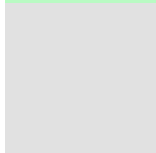


Tritanomaly
93, 16.536, 178.218

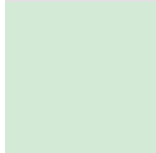
Monochromacy



Original Color
93, 36.735, 147.084



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 13.322, 147.622

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 36.735, 147.084 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(185, 250, 195)` looks like.

```
.text, #text, p{  
    color:rgb(185, 250, 195)  
}
```

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(185, 250, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 250, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 36.735, 147.084 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(185, 250, 195) }
```

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

```
.border{ border-color:rgb(185, 250, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 250, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 250, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 250, 195);  
box-shadow:4px 4px 4px 4px rgb(185, 250,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 36.735, 147.084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 250, 195) }
```

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

```
.background{ background-color: rgb(185,  
250, 195) }
```

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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