

Converting Colors

CIELCh(93, 19.515, 183.849)

Have a look what the booklet for
CIELCh(93, 19.515, 183.849)
contains.

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Color

CIELCh(93, 19.488, 184.314)

Conversions

Conversions Part 1

Format	Color
Hex	BEF6ED
RGB	190, 246, 237
RGB Percent	75%, 96%, 93%
CMY	0.2549, 0.0353, 0.0706
CMYK	0.23, 0.00, 0.04, 0.04
HSL	170°, 76%, 85%
HSV	170°, 23%, 96%
XYZ	69.4718, 82.9670, 92.4675
YIQ	228.2300, -30.4870, -14.6710

Conversions

Conversions Part 2

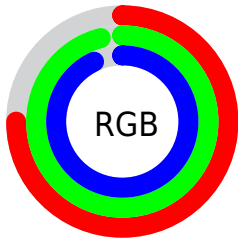
Format	Color
R _{YB}	190, 220, 246
Decimal	12515053
CIE _{Lab}	93.00, -19.43, -1.47
CIE _{LCh}	93, 19.488, 184.314
Y _{xy}	82.9670, 0.2837, 0.3388
Android (android.graphics.Color)	4290705133 (0xFFBEF6ED)
YUV	228.2300, 4.3236, -33.5277
Hunter-Lab	91.0862, -23.2583, 3.5713

Details

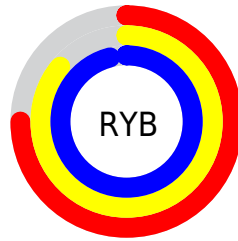
The CIELCh color **93, 19.488, 184.314** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **82, 21.646, 8.615**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 2.770, 199.469**, and **73, 19.838, 183.531** is the 20% darker color. If you saturate the color by 10%, you get **92, 27.322, 183.355**, and if you desaturate by 10%, it is **95, 11.150, 185.237**.

Distribution



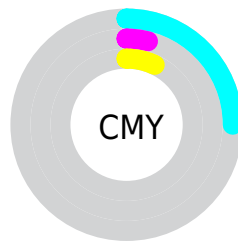
- Red (75%)
- Green (96%)
- Blue (93%)



- Red (75%)
- Yellow (86%)
- Blue (96%)



- Cyan (23%)
- Magenta (0%)
- Yellow (4%)
- Black (4%)





- Cyan (25%)
- Magenta (4%)
- Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 19.488, 184.314 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, 19.488, 184.314 by changing the saturation by 10% instead.


 93, 19.488,
184.314


 93, 19.488,
184.314


 100, 19.488,
184.314


 83, 19.488,
184.314

 73, 19.488,
184.314

 63, 19.488,
184.314

 53, 19.488,
184.314

 43, 19.488,
184.314

 33, 19.488,
184.314

 23, 19.488,

184.314

■ 13, 19.488,
184.314

■ 3, 19.488, 184.314

■ 93, 19.488,
184.314

■ 93, 19.488,
184.314

■ 92, 27.322,
183.355

■ 95, 11.150,
185.237

■ 90, 34.498,
182.350

■ 96, 2.449, 186.300

■ 89, 40.868,
181.277

■ 98, 3.510, 354.903

■ 98, 4.729, 332.221

■ 89, 46.306,
180.116

■ 98, 5.606, 324.582

■ 88, 50.728,
178.846

■ 88, 54.109,
177.443

■ 87, 56.510,
175.890

■ 87, 57.789,
174.693

Harmonies

Complementary

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



93, 19.488, 184.314



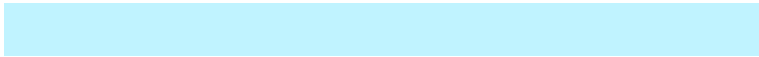
82, 21.646, 8.615

Rectangle

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



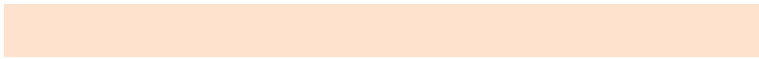
93, 19.488, 184.314



93, 19.488, 234.314



93, 19.488, 4.314



93, 19.488, 54.314

Sweetspot

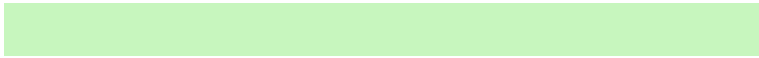
The Sweet Spot groups the original color and five complimentary colors.



93, 19.489, 184.310



99, 6.352, 185.784



92, 33.498, 138.597



53, 4.124, 185.724



0, 0.000, 0.000



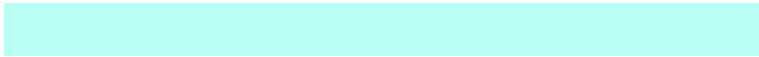
53, 0.007, 296.813

Same Dimension

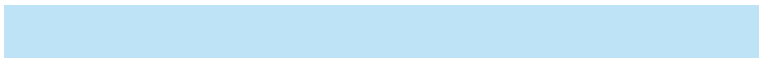
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 19.489, 184.310



95, 23.550, 183.905



88, 15.429, 238.125



50, 4.971, 185.544



68, 46.715, 175.002



21, 20.236, 177.428

Inverse Universe

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



82, 21.646, 8.615



82, 26.728, 9.185



86, 17.466, 53.922



48, 5.185, 7.089



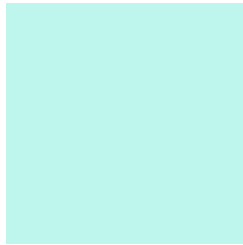
39, 75.314, 32.271



8, 30.155, 18.434

Previews

White Background



This preview shows how the CIE LCh color 93, 19.488, 184.314 looks on a white background.

Color Contrast Check

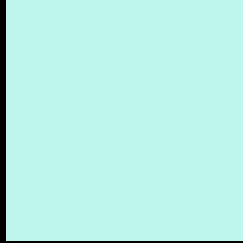
Large Text (above 18pt) WCAG AA × Fail

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, 19.488, 184.314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

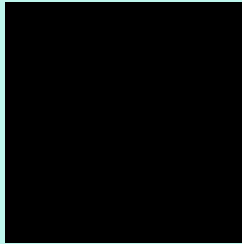
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

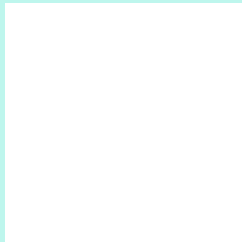
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 19.488, 184.314

Background



This preview shows how black text looks on a background with the CIELCh color 93, 19.488, 184.314.

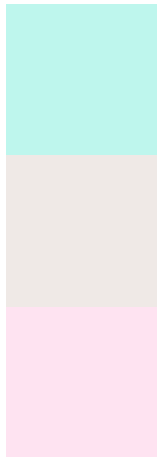


This preview shows how white text looks on a background with the CIELCh color 93, 19.488, 184.314.

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, 19.488, 184.314

Protanopia

93, 2.632, 55.186

Deuteranopia

93, 12.060, 343.514

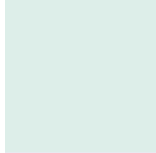


Tritanopia
93, 13.472, 234.073

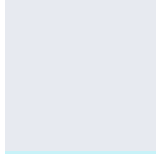
Trichromacy



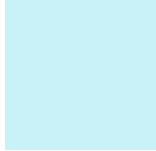
Original Color
93, 19.488, 184.314



Protanomaly
93, 6.535, 175.794

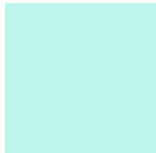


Deuteranomaly
93, 3.262, 271.680

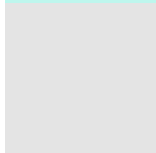


Tritanomaly
93, 14.242, 211.197

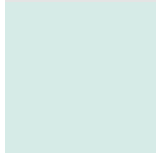
Monochromacy



Original Color
93, 19.488, 184.314



Achromatopsia
91, 0.011, 296.813



Achromatomaly
91, 7.662, 183.263

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 19.488, 184.314 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, 246, 237)` looks like.

```
.text, #text, p{  
    color:rgb(190, 246, 237)  
}
```

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, 246, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 246, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 19.488, 184.314 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, 246, 237) }
```

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

```
.border{ border-color:rgb(190, 246, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 246, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 246, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 246, 237);  
box-shadow:4px 4px 4px 4px rgb(190, 246,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 19.488, 184.314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 246, 237) }
```

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

```
.background{ background-color: rgb(190,  
246, 237) }
```

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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