

Converting Colors

CIELCh(93, 16.361, 159.132)

Have a look what the booklet for
CIELCh(93, 16.361, 159.132)
contains.

CIELCh(93, 16.190, 158.845)	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, 16.190, 158.845)

Conversions

Conversions Part 1

Format	Color
Hex	D0F3DF
RGB	208, 243, 223
RGB Percent	82%, 95%, 87%
CMY	0.1837, 0.0464, 0.1249
CMYK	0.14, 0.00, 0.08, 0.05
HSL	146°, 60%, 88%
HSV	146°, 14%, 95%
XYZ	71.4966, 82.9670, 82.1704
YIQ	230.2550, -14.4400, -13.6400

Conversions

Conversions Part 2

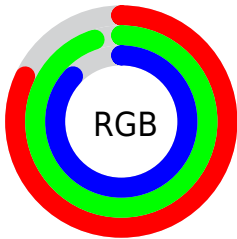
Format	Color
R _Y B	208, 233, 243
Decimal	13693919
CIE Lab	93.00, -15.10, 5.84
CIE LCh	93, 16.190, 158.845
Yxy	82.9670, 0.3021, 0.3506
Android (android.graphics.Color)	4291883999 (0xFFD0F3DF)
YUV	230.2550, -3.5767, -19.5176
Hunter-Lab	91.0862, -19.2904, 10.2739

Details

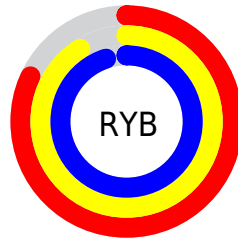
The CIELCh color **93, 16.190, 158.845** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **87, 16.405, 341.118**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 16.364, 159.129** is the 20% darker color. If you saturate the color by 10%, you get **91, 27.403, 157.891**, and if you desaturate by 10%, it is **95, 4.927, 159.741**.

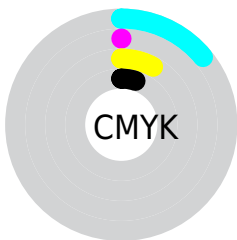
Distribution



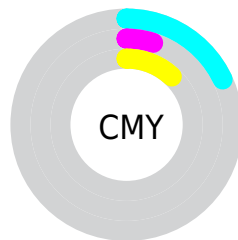
- Red (82%)
- Green (95%)
- Blue (87%)



- Red (82%)
- Yellow (91%)
- Blue (95%)



- Cyan (14%)
- Magenta (0%)
- Yellow (8%)
- Black (5%)





- Cyan (18%)
- Magenta (5%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 16.190, 158.845 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, 16.190, 158.845 by changing the saturation by 10% instead.


 93, 16.190,
158.845


 93, 16.190,
158.845


 100, 16.190,
158.845


 83, 16.190,
158.845

 73, 16.190,
158.845

 63, 16.190,
158.845

 53, 16.190,
158.845

 43, 16.190,
158.845

 33, 16.190,
158.845

 23, 16.190,

158.845

■ 13, 16.190,
158.845

■ 3, 16.190, 158.845

■ 93, 16.190,
158.845

■ 93, 16.190,
158.845

■ 91, 27.403,
157.891

■ 95, 4.927, 159.741

■ 90, 38.403,
156.821

■ 97, 5.791, 336.287

■ 97, 7.371, 324.656

■ 88, 49.007,
155.603

■ 87, 59.016,
154.213

■ 86, 68.235,
152.628

■ 86, 76.503,
150.834

■ 85, 83.720,
148.831

■ 85, 89.878,
146.651

■ 85, 92.956,
145.415

Harmonies

Complementary

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



93, 16.190, 158.845



87, 16.405, 341.118

Rectangle

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



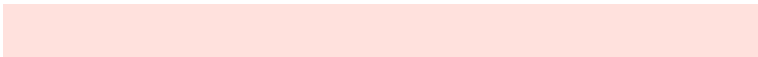
93, 16.190, 158.845



93, 16.190, 208.845



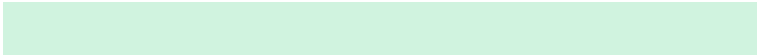
93, 16.190, 338.845



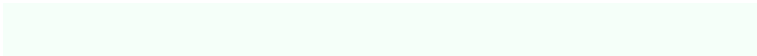
93, 16.190, 28.845

Sweetspot

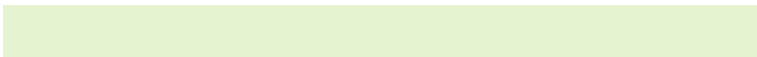
The Sweet Spot groups the original color and five complimentary colors.



93, 16.192, 158.843



99, 4.658, 159.780



94, 18.723, 125.406



53, 3.312, 159.705



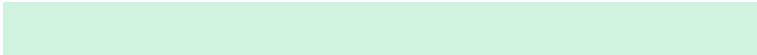
0, 0.000, 0.000



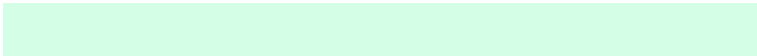
53, 0.007, 296.813

Same Dimension

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



93, 16.192, 158.843



96, 19.873, 158.601



93, 12.083, 191.486



50, 6.421, 159.279



66, 75.406, 145.817



21, 31.131, 149.335

Inverse Universe

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



87, 16.405, 341.118



89, 20.177, 341.351



86, 13.070, 13.697



48, 6.481, 340.695



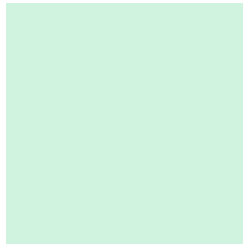
40, 68.185, 355.417



9, 31.082, 350.534

Previews

White Background



This preview shows how the CIE LCh color 93, 16.190, 158.845 looks on a white background.

Color Contrast Check

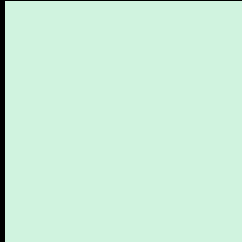
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 93, 16.190, 158.845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

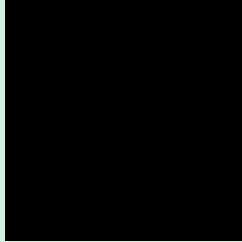
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

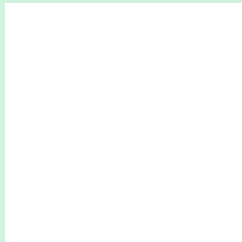
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 16.190, 158.845

Background



This preview shows how black text looks on a background with the CIELCh color 93, 16.190, 158.845.

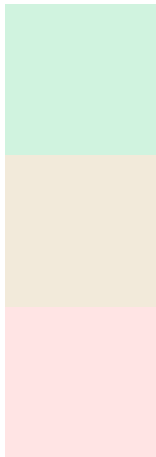


This preview shows how white text looks on a background with the CIELCh color 93, 16.190, 158.845.

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, 16.190, 158.845

Protanopia
93, 8.716, 89.854

Deuteranopia
93, 9.827, 20.030

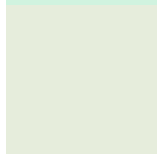


Tritanopia
93, 11.310, 250.181

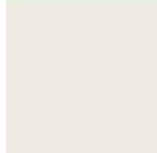
Trichromacy



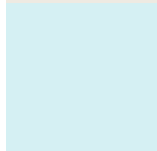
Original Color
93, 16.190, 158.845



Protanomaly
93, 9.120, 125.593



Deuteranomaly
93, 4.344, 90.439



Tritanomaly
93, 9.316, 208.475

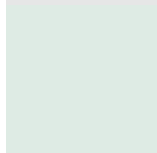
Monochromacy



Original Color
93, 16.190, 158.845



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 5.892, 161.269

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 16.190, 158.845 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(208, 243, 223)` looks like.

```
.text, #text, p{  
    color:rgb(208, 243, 223)  
}
```

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(208, 243, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 243, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 16.190, 158.845 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(208, 243, 223) }
```

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

```
.border{ border-color:rgb(208, 243, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 243, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 243, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 243, 223);  
box-shadow:4px 4px 4px 4px rgb(208, 243,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 16.190, 158.845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 243, 223) }
```

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

```
.background{ background-color: rgb(208,  
243, 223) }
```

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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