

Converting Colors

CIELCh(93, 20.193, 160.339)

Have a look what the booklet for
CIELCh(93, 20.193, 160.339)
contains.

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Color

CIElCh(93, 20.193, 160.339)

Conversions

Conversions Part 1

Format	Color
Hex	C8F5DD
RGB	200, 245, 221
RGB Percent	78%, 96%, 87%
CMY	0.2149, 0.0384, 0.1325
CMYK	0.18, 0.00, 0.10, 0.04
HSL	148°, 70%, 87%
HSV	148°, 18%, 96%
XYZ	69.6650, 82.9670, 80.8894
YIQ	228.8090, -19.1160, -17.0040

Conversions

Conversions Part 2

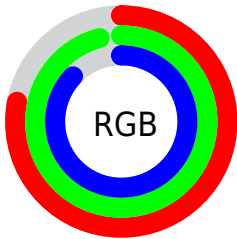
Format	Color
R_{YB}	200, 231, 245
Decimal	13170141
CIE _{Lab}	93.00, -19.02, 6.79
CIE _{LCh}	93, 20.193, 160.339
Yxy	82.9670, 0.2983, 0.3553
Android (android.graphics.Color)	4291360221 (0xFFC8F5DD)
YUV	228.8090, -3.8498, -25.2655
Hunter-Lab	91.0862, -22.8798, 11.1077

Details

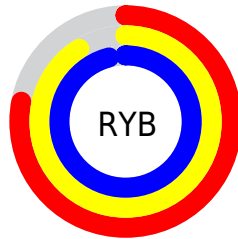
The CIELCh color **93, 20.193, 160.339** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **85, 20.598, 343.437**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 20.535, 160.424** is the 20% darker color. If you saturate the color by 10%, you get **91, 31.068, 159.320**, and if you desaturate by 10%, it is **95, 9.189, 161.264**.

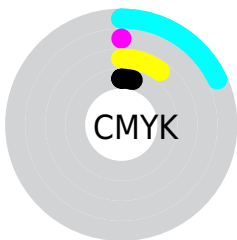
Distribution



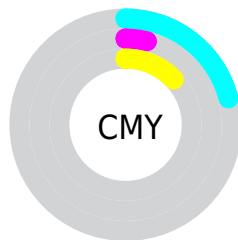
- Red (78%)
- Green (96%)
- Blue (87%)



- Red (78%)
- Yellow (91%)
- Blue (96%)



- Cyan (18%)
- Magenta (0%)
- Yellow (10%)
- Black (4%)





- Cyan (21%)
- Magenta (4%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 20.193, 160.339 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, 20.193, 160.339 by changing the saturation by 10% instead.


 93, 20.193,
160.339


 93, 20.193,
160.339


 100, 20.193,
160.339


 83, 20.193,
160.339

 73, 20.193,
160.339

 63, 20.193,
160.339

 53, 20.193,
160.339

 43, 20.193,
160.339

 33, 20.193,
160.339

 23, 20.193,

160.339

■ 13, 20.193,
160.339

■ 3, 20.193, 160.339

■ 93, 20.193,
160.339

■ 93, 20.193,
160.339

■ 91, 31.068,
159.320

■ 95, 9.189, 161.264

■ 90, 41.641,
158.175

■ 97, 1.812, 341.768

■ 98, 6.096, 324.603

■ 89, 51.727,
156.875

■ 88, 61.133,
155.396

■ 87, 69.685,
153.715

■ 86, 77.255,
151.819

■ 86, 83.790,
149.714

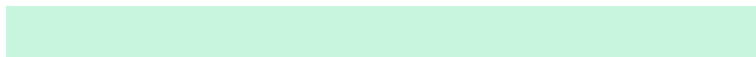
■ 85, 89.363,
147.456

■ 85, 90.229,
147.094

Harmonies

Complementary

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



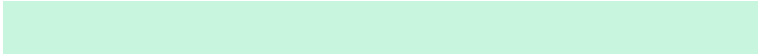
93, 20.193, 160.339



85, 20.598, 343.437

Rectangle

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



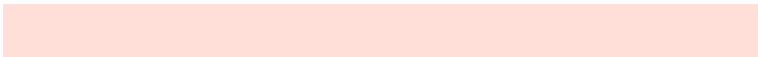
93, 20.193, 160.339



93, 20.193, 210.339



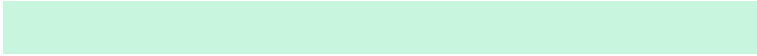
93, 20.193, 340.339



93, 20.193, 30.339

Sweetspot

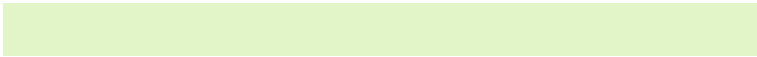
The Sweet Spot groups the original color and five complimentary colors.



93, 20.195, 160.337



99, 6.805, 161.480



94, 24.205, 126.432



53, 4.515, 161.419



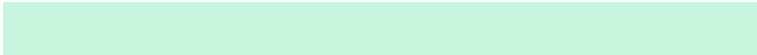
0, 0.000, 0.000



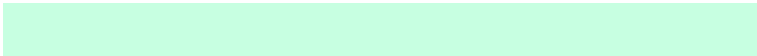
53, 0.007, 296.813

Same Dimension

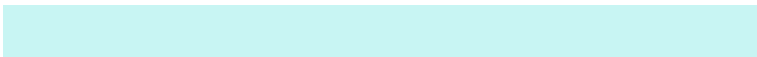
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 20.195, 160.337



96, 24.960, 159.975



94, 15.221, 194.063



50, 6.243, 161.161



66, 72.718, 147.516



21, 30.058, 151.075

Inverse Universe

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



85, 20.598, 343.437



86, 25.553, 343.791



85, 16.982, 16.748



48, 6.313, 342.626



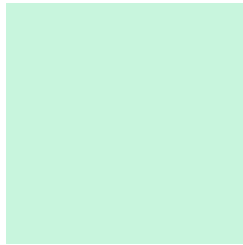
40, 67.368, 358.887



9, 30.603, 353.341

Previews

White Background



This preview shows how the CIE LCh color 93, 20.193, 160.339 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, 20.193, 160.339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

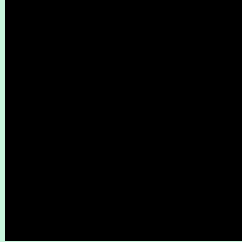
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

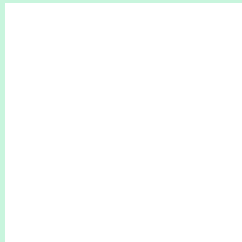
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 20.193, 160.339

Background



This preview shows how black text looks on a background with the CIELCh color 93, 20.193, 160.339.

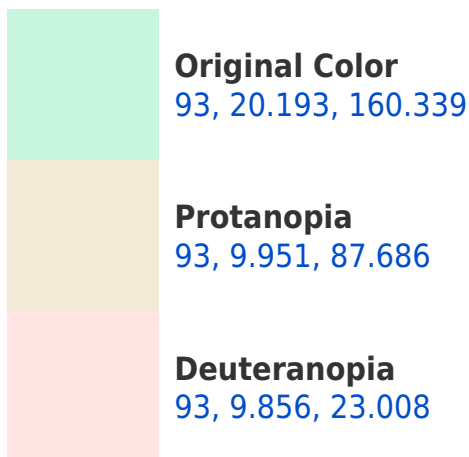


This preview shows how white text looks on a background with the CIELCh color 93, 20.193, 160.339.

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



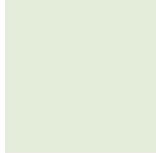


Tritanopia
93, 12.048, 242.435

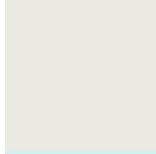
Trichromacy



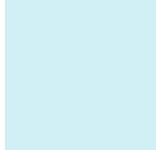
Original Color
93, 20.193, 160.339



Protanomaly
93, 10.937, 128.707

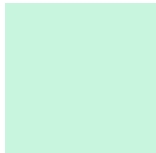


Deuteranomaly
93, 4.638, 105.337

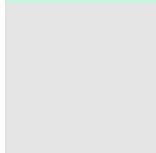


Tritanomaly
93, 11.230, 204.030

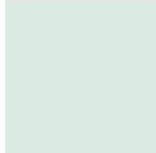
Monochromacy



Original Color
93, 20.193, 160.339



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 7.385, 159.954

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 20.193, 160.339 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(200, 245, 221)` looks like.

```
.text, #text, p{  
    color:rgb(200, 245, 221)  
}
```

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(200, 245, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 245, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 20.193, 160.339 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(200, 245, 221) }
```

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

```
.border{ border-color:rgb(200, 245, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 245, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 245, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 245, 221);  
box-shadow:4px 4px 4px 4px rgb(200, 245,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 20.193, 160.339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 245, 221) }
```

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

```
.background{ background-color: rgb(200,  
245, 221) }
```

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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