

Converting Colors

CIELCh(93, 32.925, 156.925)

Have a look what the booklet for
CIELCh(93, 32.925, 156.925)
contains.

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Color

CIELCh(93, 33.302, 156.893)

Conversions

Conversions Part 1

Format	Color
Hex	B3FBD1
RGB	179, 251, 209
RGB Percent	70%, 98%, 82%
CMY	0.2991, 0.0167, 0.1814
CMYK	0.29, 0.00, 0.17, 0.02
HSL	145°, 89%, 84%
HSV	145°, 29%, 98%
XYZ	64.4180, 82.9670, 72.7703
YIQ	224.6840, -29.4300, -28.3260

Conversions

Conversions Part 2

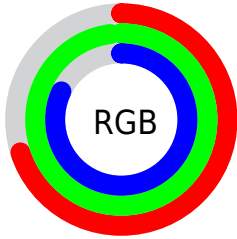
Format	Color
RYB	179, 230, 251
Decimal	11795409
CIELab	93.00, -30.63, 13.07
CIELCh	93, 33.302, 156.893
Yxy	82.9670, 0.2926, 0.3769
Android (android.graphics.Color)	4289985489 (0xFFB3FBD1)
YUV	224.6840, -7.7322, -40.0649
Hunter-Lab	91.0862, -33.1621, 16.3926

Details

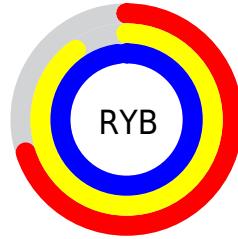
The CIELCh color **93, 33.302, 156.893** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **81, 34.070, 341.842**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 6.515, 199.095**, and **73, 33.114, 157.358** is the 20% darker color. If you saturate the color by 10%, you get **91, 44.544, 155.765**, and if you desaturate by 10%, it is **95, 21.771, 157.887**.

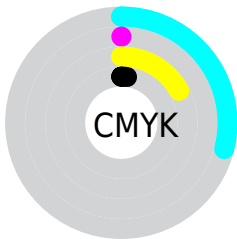
Distribution



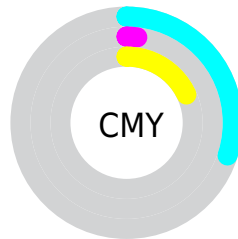
- Red (70%)
- Green (98%)
- Blue (82%)



- Red (70%)
- Yellow (90%)
- Blue (98%)



- Cyan (29%)
- Magenta (0%)
- Yellow (17%)
- Black (2%)





- Cyan (30%)
- Magenta (2%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 33.302, 156.893 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, 33.302, 156.893 by changing the saturation by 10% instead.


 93, 33.302,
156.893


 93, 33.302,
156.893


 100, 33.302,
156.893


 83, 33.302,
156.893

 73, 33.302,
156.893

 63, 33.302,
156.893

 53, 33.302,
156.893

 43, 33.302,
156.893

 33, 33.302,
156.893

 23, 33.302,

156.893

■ 13, 33.302,
156.893

■ 3, 33.302, 156.893

■ 93, 33.302,
156.893

■ 93, 33.302,
156.893

■ 91, 44.544,
155.765

■ 95, 21.771,
157.887

■ 90, 55.291,
154.478

■ 97, 10.121,
158.783

■ 89, 65.336,
153.007

■ 99, 1.498, 339.218

■ 88, 74.485,
151.333

■ 99, 2.658, 324.418

■ 88, 82.593,
149.447

■ 87, 89.589,
147.365

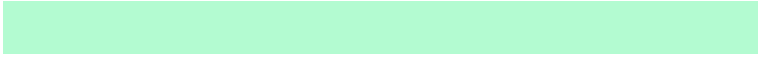
■ 87, 95.533,
145.156

■ 87, 96.252,
144.882

Harmonies

Complementary

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



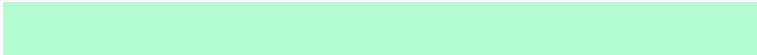
93, 33.302, 156.893



81, 34.070, 341.842

Rectangle

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



93, 33.302, 156.893



93, 33.302, 206.893



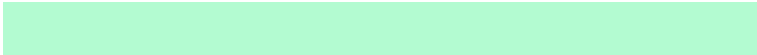
93, 33.302, 336.893



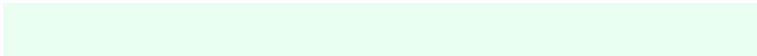
93, 33.302, 26.893

Sweetspot

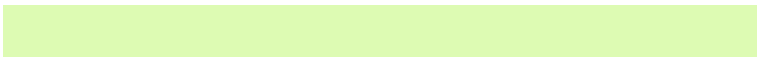
The Sweet Spot groups the original color and five complimentary colors.



93, 33.304, 156.892



98, 10.600, 158.757



95, 38.166, 124.666



52, 7.369, 158.630



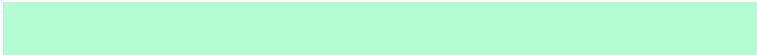
0, 0.000, 0.000



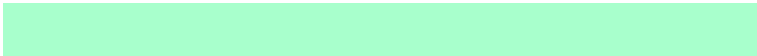
53, 0.007, 296.813

Same Dimension

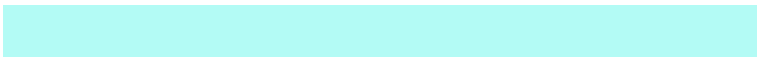
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 33.304, 156.892



94, 39.836, 156.311



94, 23.735, 190.385



51, 6.587, 158.715



67, 77.038, 145.298



22, 32.477, 148.620

Inverse Universe

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



81, 34.070, 341.842



79, 40.883, 342.375



80, 28.010, 15.384



49, 6.646, 340.119



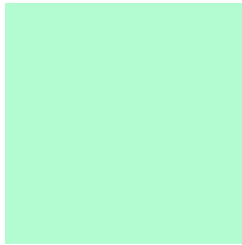
41, 69.182, 354.405



10, 32.072, 349.931

Previews

White Background



This preview shows how the CIE LCh color 93, 33.302, 156.893 looks on a white background.

Color Contrast Check

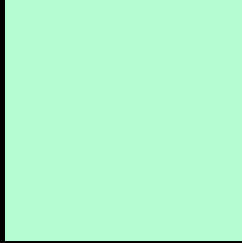
Large Text (above 18pt) WCAG AA × Fail

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, 33.302, 156.893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

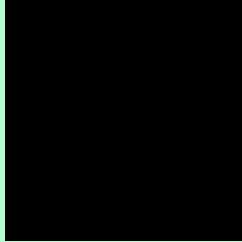
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

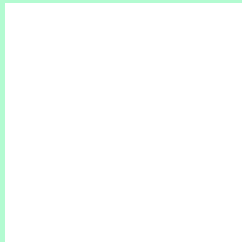
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 33.302, 156.893

Background



This preview shows how black text looks on a background with the CIELCh color 93, 33.302, 156.893.

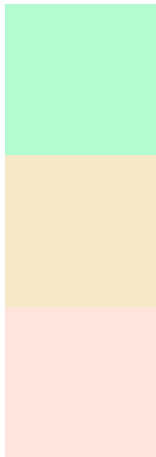


This preview shows how white text looks on a background with the CIELCh color 93, 33.302, 156.893.

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, 33.302, 156.893

Protanopia
93, 17.653, 92.649

Deuteranopia
93, 10.576, 39.834

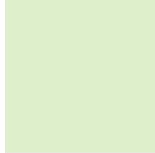


Tritanopia
93, 14.276, 229.291

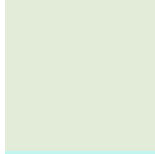
Trichromacy



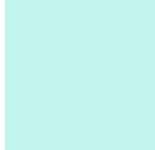
Original Color
93, 33.302, 156.893



Protanomaly
92, 19.553, 127.401



Deuteranomaly
92, 10.336, 127.792

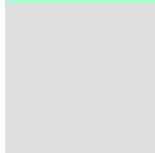


Tritanomaly
93, 17.652, 186.422

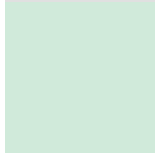
Monochromacy



Original Color
93, 33.302, 156.893



Achromatopsia
89, 0.011, 296.813



Achromatomaly
90, 12.509, 157.100

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 33.302, 156.893 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(179, 251, 209)` looks like.

```
.text, #text, p{  
    color:rgb(179, 251, 209)  
}
```

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(179, 251, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 251, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 33.302, 156.893 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(179, 251, 209) }
```

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

```
.border{ border-color:rgb(179, 251, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 251, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 251, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 251, 209);  
box-shadow:4px 4px 4px 4px rgb(179, 251,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 33.302, 156.893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 251, 209) }
```

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

```
.background{ background-color: rgb(179,  
251, 209) }
```

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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