

Converting Colors

CIELCh(95, 19.614, 153.218)

Have a look what the booklet for
CIELCh(95, 19.614, 153.218)
contains.

CIELCh(95, 19.653, 153.456)	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(95, 19.653, 153.456)

Conversions

Conversions Part 1

Format	Color
Hex	D3FADF
RGB	211, 250, 223
RGB Percent	83%, 98%, 87%
CMY	0.1722, 0.0192, 0.1252
CMYK	0.16, 0.00, 0.11, 0.02
HSL	138°, 80%, 90%
HSV	138°, 16%, 98%
XYZ	74.4312, 87.6183, 82.8607
YIQ	235.2610, -14.5770, -16.6650

Conversions

Conversions Part 2

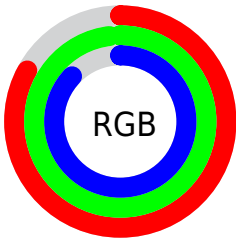
Format	Color
R_{YB}	211, 241, 250
Decimal	13892319
CIE Lab	95.00, -17.58, 8.78
CIE LCh	95, 19.653, 153.456
Yxy	87.6183, 0.3039, 0.3578
Android (android.graphics.Color)	4292082399 (0xFFD3FADF)
YUV	235.2610, -6.0447, -21.2769
Hunter-Lab	93.6047, -21.8712, 13.0386

Details

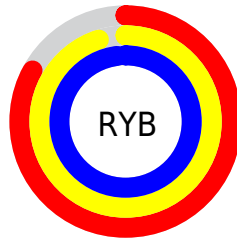
The CIELCh color **95, 19.653, 153.456** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **89, 19.797, 335.679**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 19.343, 153.845** is the 20% darker color. If you saturate the color by 10%, you get **93, 32.270, 152.561**, and if you desaturate by 10%, it is **97, 7.018, 154.264**.

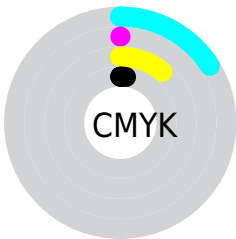
Distribution



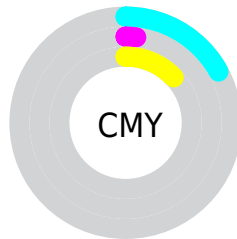
- Red (83%)
- Green (98%)
- Blue (87%)



- Red (83%)
- Yellow (95%)
- Blue (98%)



- Cyan (16%)
- Magenta (0%)
- Yellow (11%)
- Black (2%)





- Cyan (17%)
- Magenta (2%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 19.653, 153.456 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 95, 19.653, 153.456 by changing the saturation by 10% instead.


 95, 19.653,
153.456


 95, 19.653,
153.456


 100, 19.653,
153.456


 85, 19.653,
153.456

 75, 19.653,
153.456

 65, 19.653,
153.456

 55, 19.653,
153.456

 45, 19.653,
153.456

 35, 19.653,
153.456

 25, 19.653,

153.456

■ 15, 19.653,
153.456

■ 5, 19.653, 153.456

■ 95, 19.653,
153.456

■ 95, 19.653,
153.456

■ 93, 32.270,
152.561

■ 97, 7.018, 154.264

■ 92, 44.682,
151.536

■ 99, 3.057, 324.447

■ 90, 56.672,
150.357

■ 89, 67.999,
149.001

■ 88, 78.420,
147.455

■ 87, 87.715,
145.720

■ 87, 95.721,
143.822

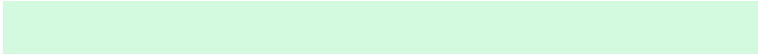
■ 87, 102.351,
141.829

■ 86, 104.887,
140.984

Harmonies

Complementary

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



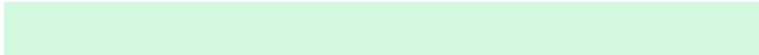
95, 19.653, 153.456



89, 19.797, 335.679

Rectangle

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



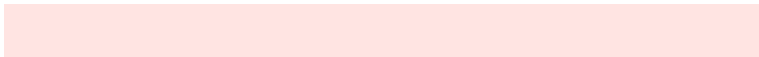
95, 19.653, 153.456



95, 19.653, 203.456



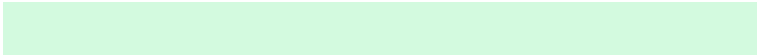
95, 19.653, 333.456



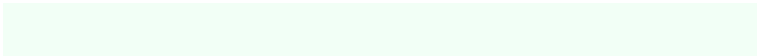
95, 19.653, 23.456

Sweetspot

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



95, 19.655, 153.455



99, 6.366, 154.314



97, 20.306, 120.900



53, 4.346, 154.255



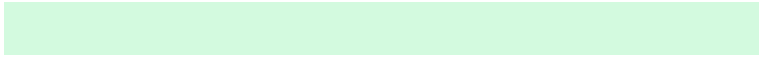
0, 0.000, 0.000



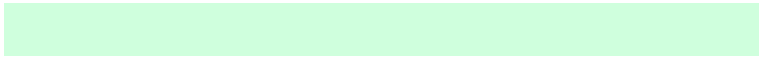
53, 0.007, 296.813

Same Dimension

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



95, 19.655, 153.455



96, 24.340, 153.162



95, 13.990, 181.873



51, 7.142, 153.952



67, 84.170, 141.349



22, 35.537, 144.416

Inverse Universe

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



89, 19.797, 335.679



88, 24.544, 335.939



88, 14.896, 4.761



49, 7.180, 335.223



42, 73.235, 345.487



10, 33.984, 342.681

Previews

White Background



This preview shows how the CIE LCh color 95, 19.653, 153.456 looks on a white background.

Color Contrast Check

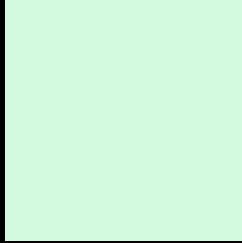
Large Text (above 18pt) WCAG AA × Fail

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 95, 19.653, 153.456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

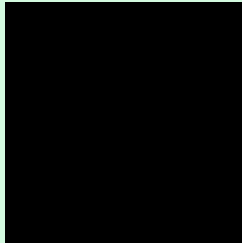
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

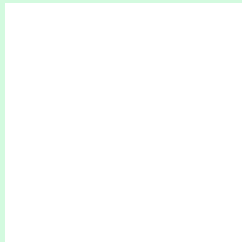
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 19.653, 153.456

Background



This preview shows how black text looks on a background with the CIELCh color 95, 19.653, 153.456.

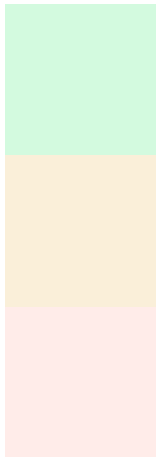


This preview shows how white text looks on a background with the CIELCh color 95, 19.653, 153.456.

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

95, 19.653, 153.456

Protanopia

95, 11.957, 89.439

Deuteranopia

95, 7.025, 32.374

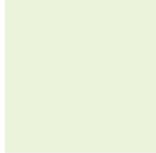


Tritanopia
95, 8.125, 248.708

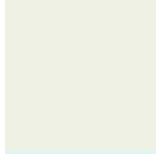
Trichromacy



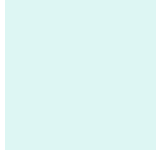
Original Color
95, 19.653, 153.456



Protanomaly
95, 12.553, 120.918



Deuteranomaly
95, 6.190, 116.348

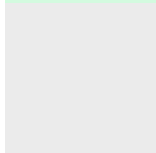


Tritanomaly
95, 8.784, 188.779

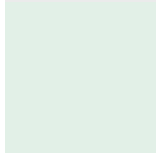
Monochromacy



Original Color
95, 19.653, 153.456



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 6.823, 156.327

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 19.653, 153.456 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(211, 250, 223)` looks like.

```
.text, #text, p{  
    color:rgb(211, 250, 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(211, 250, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 250, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 19.653, 153.456 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(211, 250, 223) }
```

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

```
.border{ border-color:rgb(211, 250, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 250, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 250, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 250, 223);  
box-shadow:4px 4px 4px 4px rgb(211, 250,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 19.653, 153.456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 250, 223) }
```

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

```
.background{ background-color: rgb(211,  
250, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor