

Converting Colors

CIELCh(95, 18.394, 158.705)

Have a look what the booklet for
CIELCh(95, 18.394, 158.705)
contains.

CIELCh(95, 18.455, 158.528)	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, 18.455, 158.528)

Conversions

Conversions Part 1

Format	Color
Hex	D2FAE3
RGB	210, 250, 227
RGB Percent	82%, 98%, 89%
CMY	0.1765, 0.0196, 0.1098
CMYK	0.16, 0.00, 0.09, 0.02
HSL	145°, 80%, 90%
HSV	145°, 16%, 98%
XYZ	74.6287, 87.6183, 85.6513
YIQ	235.4180, -16.4570, -15.6330

Conversions

Conversions Part 2

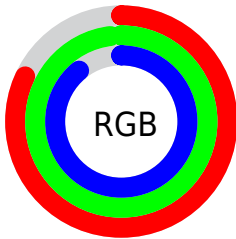
Format	Color
R _Y B	210, 238, 250
Decimal	13826787
CIE Lab	95.00, -17.17, 6.76
CIE LCh	95, 18.455, 158.528
Yxy	87.6183, 0.3010, 0.3534
Android (android.graphics.Color)	4292016867 (0xFFD2FAE3)
YUV	235.4180, -4.1501, -22.2916
Hunter-Lab	93.6047, -21.4946, 11.2710

Details

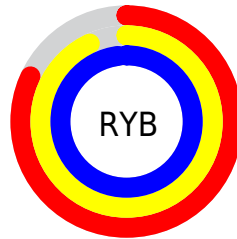
The CIELCh color **95, 18.455, 158.528** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **88, 18.719, 341.084**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 18.093, 159.285** is the 20% darker color. If you saturate the color by 10%, you get **93, 29.933, 157.558**, and if you desaturate by 10%, it is **97, 6.904, 159.417**.

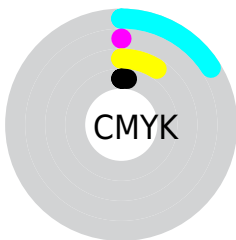
Distribution



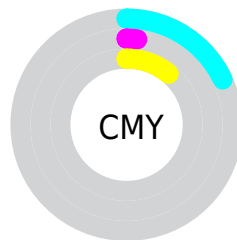
- Red (82%)
- Green (98%)
- Blue (89%)



- Red (82%)
- Yellow (93%)
- Blue (98%)



- Cyan (16%)
- Magenta (0%)
- Yellow (9%)
- Black (2%)





- Cyan (18%)
- Magenta (2%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 18.455, 158.528 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, 18.455, 158.528 by changing the saturation by 10% instead.


 95, 18.455,
158.528


 95, 18.455,
158.528


 100, 18.455,
158.528


 85, 18.455,
158.528

 75, 18.455,
158.528

 65, 18.455,
158.528

 55, 18.455,
158.528

 45, 18.455,
158.528

 35, 18.455,
158.528

 25, 18.455,

158.528

■ 15, 18.455,
158.528

■ 5, 18.455, 158.528

■ 95, 18.455,
158.528

■ 95, 18.455,
158.528

■ 93, 29.933,
157.558

■ 97, 6.904, 159.417

■ 92, 41.165,
156.465

■ 99, 3.111, 324.451

■ 90, 51.958,
155.220

■ 89, 62.107,
153.799

■ 88, 71.416,
152.178

■ 88, 79.725,
150.346

■ 87, 86.944,
148.308

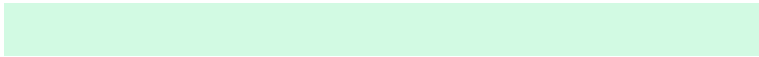
■ 87, 93.082,
146.105

■ 87, 95.314,
145.229

Harmonies

Complementary

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



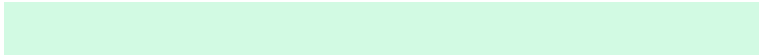
95, 18.455, 158.528



88, 18.719, 341.084

Rectangle

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



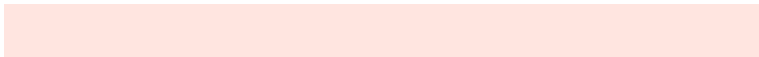
95, 18.455, 158.528



95, 18.455, 208.528



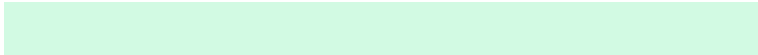
95, 18.455, 338.528



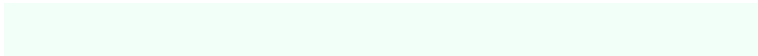
95, 18.455, 28.528

Sweetspot

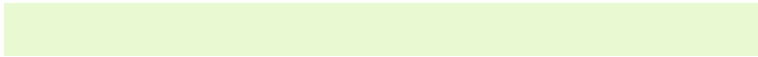
The Sweet Spot groups the original color and five complimentary colors.



95, 18.457, 158.526



99, 5.842, 159.509



96, 21.282, 125.323



53, 3.987, 159.444



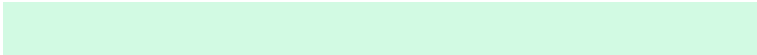
0, 0.000, 0.000



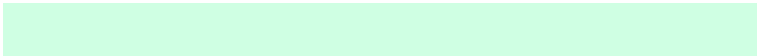
53, 0.007, 296.813

Same Dimension

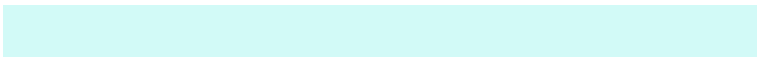
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 18.457, 158.526



96, 22.268, 158.245



95, 13.682, 191.360



51, 6.547, 159.107



67, 76.461, 145.644



22, 32.238, 148.977

Inverse Universe

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



88, 18.719, 341.084



88, 22.639, 341.352



88, 14.939, 13.866



49, 6.608, 340.522



41, 68.960, 355.137



10, 31.953, 350.527

Previews

White Background



This preview shows how the CIE LCh color 95, 18.455, 158.528 looks on a white background.

Color Contrast Check

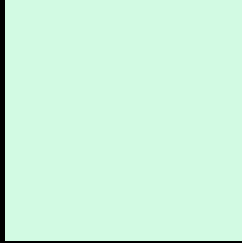
Large Text (above 18pt) WCAG AA × Fail

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, 18.455, 158.528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

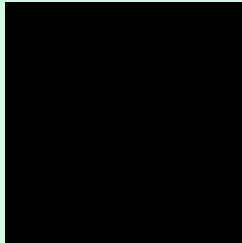
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

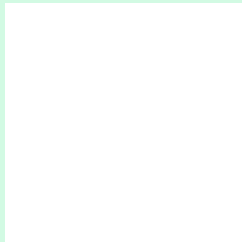
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 18.455, 158.528

Background



This preview shows how black text looks on a background with the CIELCh color 95, 18.455, 158.528.

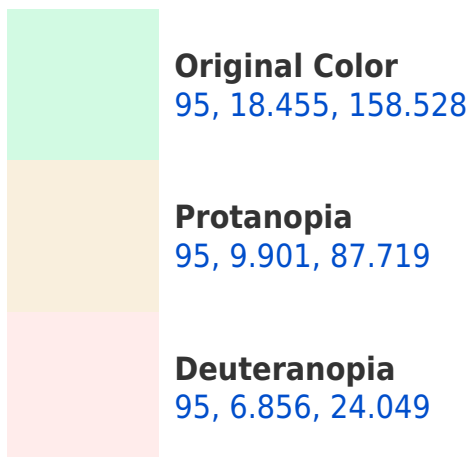


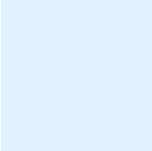
This preview shows how white text looks on a background with the CIELCh color 95, 18.455, 158.528.

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



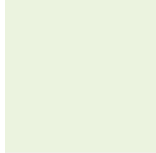


Tritanopia
95, 8.345, 246.963

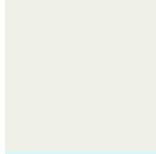
Trichromacy



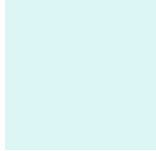
Original Color
95, 18.455, 158.528



Protanomaly
95, 10.657, 125.105



Deuteranomaly
95, 4.666, 118.611

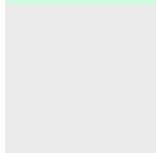


Tritanomaly
95, 8.946, 195.594

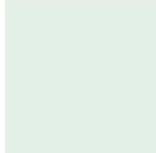
Monochromacy



Original Color
95, 18.455, 158.528



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 6.475, 159.607

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 18.455, 158.528 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(210, 250, 227)` looks like.

```
.text, #text, p{  
    color:rgb(210, 250, 227)  
}
```

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(210, 250, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 250, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 18.455, 158.528 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(210, 250, 227) }
```

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

```
.border{ border-color:rgb(210, 250, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 250, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 250, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 250, 227);  
box-shadow:4px 4px 4px 4px rgb(210, 250,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 18.455, 158.528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 250, 227) }
```

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

```
.background{ background-color: rgb(210,  
250, 227) }
```

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