

Converting Colors

CIELCh(95, 22.380, 148.323)

Have a look what the booklet for
CIELCh(95, 22.380, 148.323)
contains.

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Color

CIELCh(95, 22.618, 147.791)

Conversions

Conversions Part 1

Format	Color
Hex	D3FBD9
RGB	211, 251, 217
RGB Percent	83%, 98%, 85%
CMY	0.1736, 0.0168, 0.1501
CMYK	0.16, 0.00, 0.14, 0.02
HSL	129°, 82%, 90%
HSV	129°, 16%, 98%
XYZ	73.6799, 87.6183, 78.4844
YIQ	235.1640, -12.9260, -19.0540

Conversions

Conversions Part 2

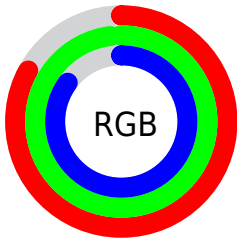
Format	Color
R_{YB}	211, 246, 251
Decimal	13892569
CIE _{Lab}	95.00, -19.14, 12.06
CIE _{LCh}	95, 22.618, 147.791
Yxy	87.6183, 0.3073, 0.3654
Android (android.graphics.Color)	4292082649 (0xFFD3FBD9)
YUV	235.1640, -8.9549, -21.1918
Hunter-Lab	93.6047, -23.3039, 15.8106

Details

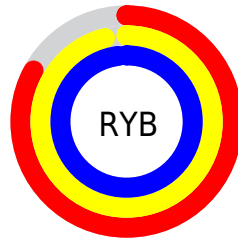
The CIELCh color **95, 22.618, 147.791** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **89, 22.678, 329.798**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 22.448, 147.781** is the 20% darker color. If you saturate the color by 10%, you get **93, 36.855, 146.967**, and if you desaturate by 10%, it is **97, 8.389, 148.517**.

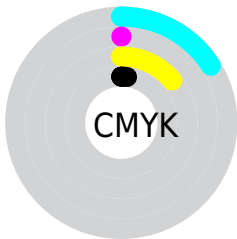
Distribution



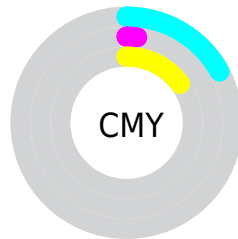
- Red (83%)
- Green (98%)
- Blue (85%)



- Red (83%)
- Yellow (96%)
- Blue (98%)



- Cyan (16%)
- Magenta (0%)
- Yellow (14%)
- Black (2%)





- Cyan (17%)
- Magenta (2%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 22.618, 147.791 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, 22.618, 147.791 by changing the saturation by 10% instead.


 95, 22.618,
147.791


 95, 22.618,
147.791


 100, 22.618,
147.791


 85, 22.618,
147.791

 75, 22.618,
147.791

 65, 22.618,
147.791

 55, 22.618,
147.791

 45, 22.618,
147.791

 35, 22.618,
147.791

 25, 22.618,

147.791

■ 15, 22.618,
147.791

■ 5, 22.618, 147.791

■ 95, 22.618,
147.791

■ 95, 22.618,
147.791

■ 93, 36.855,
146.967

■ 97, 8.389, 148.517

■ 91, 50.873,
146.012

■ 99, 2.667, 324.419

■ 90, 64.399,
144.908

■ 89, 77.111,
143.650

■ 88, 88.652,
142.250

■ 87, 98.650,
140.752

■ 87, 106.751,
139.238

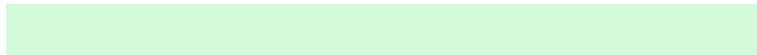
■ 87, 112.659,
137.836

■ 86, 114.442,
137.368

Harmonies

Complementary

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



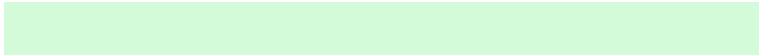
95, 22.618, 147.791



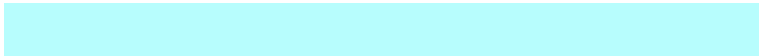
89, 22.678, 329.798

Rectangle

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



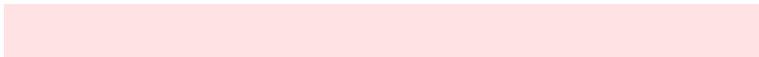
95, 22.618, 147.791



95, 22.618, 197.791



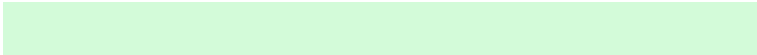
95, 22.618, 327.791



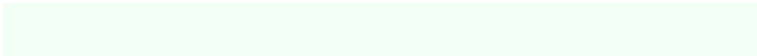
95, 22.618, 17.791

Sweetspot

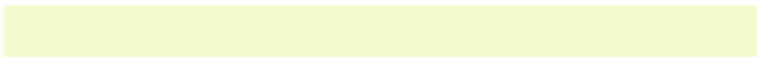
The Sweet Spot groups the original color and five complimentary colors.



95, 22.620, 147.791



99, 7.137, 148.586



97, 20.423, 114.861



53, 4.873, 148.535



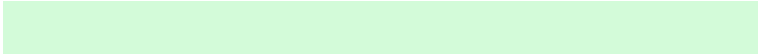
0, 0.000, 0.000



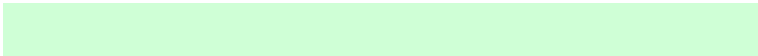
53, 0.007, 296.813

Same Dimension

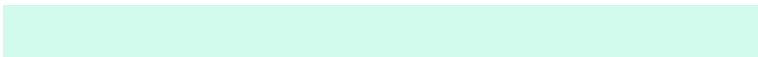
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 22.620, 147.791



96, 27.339, 147.551



95, 15.667, 171.117



51, 8.012, 148.266



67, 91.922, 137.601



22, 39.327, 140.005

Inverse Universe

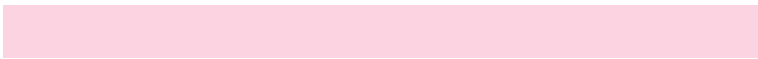
The Inverse Universe completely reimagines the original color for something new.



89, 22.678, 329.798



88, 27.411, 329.991



88, 16.281, 354.129



49, 8.032, 329.390



43, 81.942, 335.278



11, 37.620, 334.259

Previews

White Background



This preview shows how the CIE LCh color 95, 22.618, 147.791 looks on a white background.

Color Contrast Check

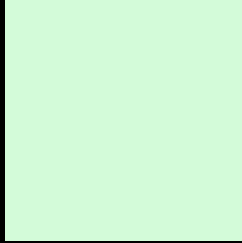
Large Text (above 18pt) WCAG AA × Fail

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, 22.618, 147.791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

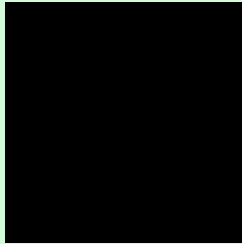
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

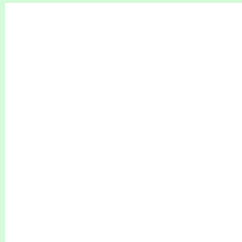
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 22.618, 147.791

Background



This preview shows how black text looks on a background with the CIELCh color 95, 22.618, 147.791.

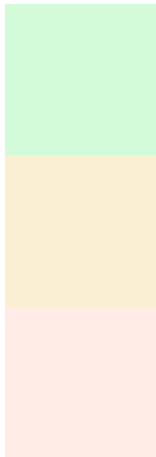


This preview shows how white text looks on a background with the CIELCh color 95, 22.618, 147.791.

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, 22.618, 147.791

Protanopia
95, 15.001, 91.700

Deuteranopia
95, 7.335, 40.145

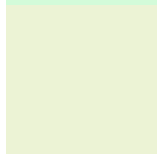


Tritanopia
95, 8.125, 248.708

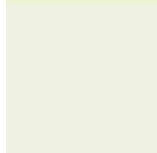
Trichromacy



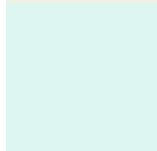
Original Color
95, 22.618, 147.791



Protanomaly
95, 15.561, 118.480



Deuteranomaly
95, 7.717, 114.933



Tritanomaly
95, 9.068, 182.403

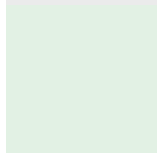
Monochromacy



Original Color
95, 22.618, 147.791



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 8.598, 147.965

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 22.618, 147.791 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, 251, 217)` looks like.

```
.text, #text, p{  
    color:rgb(211, 251, 217)  
}
```

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, 251, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 251, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 22.618, 147.791 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, 251, 217) }
```

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

```
.border{ border-color:rgb(211, 251, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 251, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 251, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 251, 217);  
box-shadow:4px 4px 4px 4px rgb(211, 251,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 22.618, 147.791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 251, 217) }
```

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

```
.background{ background-color: rgb(211,  
251, 217) }
```

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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