

Converting Colors

CIELCh(95, 22.513, 148.868)

Have a look what the booklet for
CIELCh(95, 22.513, 148.868)
contains.

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Color

CIELCh(95, 22.442, 149.247)

Conversions

Conversions Part 1

Format	Color
Hex	D2FBDA
RGB	210, 251, 218
RGB Percent	82%, 98%, 85%
CMY	0.1771, 0.0163, 0.1457
CMYK	0.16, 0.00, 0.13, 0.02
HSL	132°, 83%, 90%
HSV	132°, 16%, 98%
XYZ	73.6082, 87.6183, 79.2486
YIQ	234.9790, -13.8430, -18.9550

Conversions

Conversions Part 2

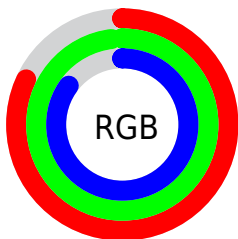
Format	Color
R _Y B	210, 244, 251
Decimal	13827034
CIE Lab	95.00, -19.29, 11.48
CIE LCh	95, 22.442, 149.247
Yxy	87.6183, 0.3061, 0.3644
Android (android.graphics.Color)	4292017114 (0xFFD2FBDA)
YUV	234.9790, -8.3706, -21.9066
Hunter-Lab	93.6047, -23.4405, 15.3265

Details

The CIELCh color **95, 22.442, 149.247** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **88, 22.524, 331.377**, 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, 22.264, 149.308** is the 20% darker color. If you saturate the color by 10%, you get **93, 36.216, 148.400**, and if you desaturate by 10%, it is **97, 8.663, 149.995**.

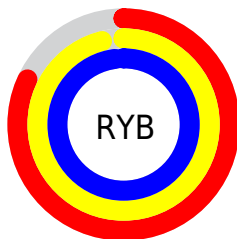
Distribution



Red (82%)

Green (98%)

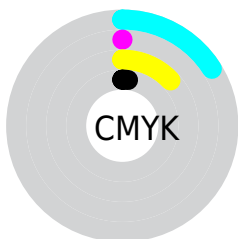
Blue (85%)



Red (82%)

Yellow (96%)

Blue (98%)

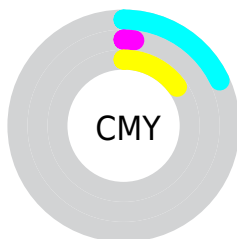


Cyan (16%)

Magenta (0%)

Yellow (13%)

Black (2%)



Cyan (18%)


Magenta (2%)

Yellow (15%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 22.442, 149.247 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, 22.442, 149.247 by changing the saturation by 10% instead.


 95, 22.442,
149.247


 95, 22.442,
149.247

 100, 22.442,
149.247

 85, 22.442,
149.247

 75, 22.442,
149.247

 65, 22.442,
149.247

 55, 22.442,
149.247

 45, 22.442,
149.247

 35, 22.442,
149.247

 25, 22.442,

149.247

■ 15, 22.442,
149.247

■ 5, 22.442, 149.247

■ 95, 22.442,
149.247

■ 95, 22.442,
149.247

■ 93, 36.216,
148.400

■ 97, 8.663, 149.995

■ 91, 49.770,
147.419

■ 99, 2.595, 324.413

■ 90, 62.848,
146.286

■ 89, 75.154,
144.988

■ 88, 86.371,
143.529

■ 87, 96.184,
141.939

■ 87, 104.309,
140.283

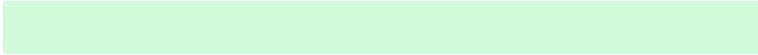
■ 87, 110.520,
138.672

■ 87, 112.338,
138.157

Harmonies

Complementary

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



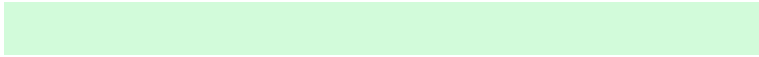
95, 22.442, 149.247



88, 22.524, 331.377

Rectangle

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



95, 22.442, 149.247



95, 22.442, 199.247



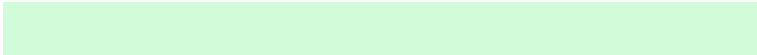
95, 22.442, 329.247



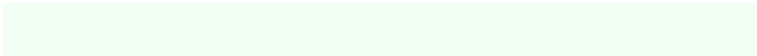
95, 22.442, 19.247

Sweetspot

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



95, 22.444, 149.247



99, 6.910, 150.096



97, 20.998, 116.194



53, 4.718, 150.042



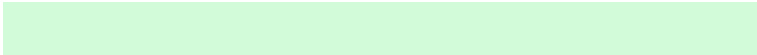
0, 0.000, 0.000



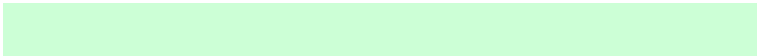
53, 0.007, 296.813

Same Dimension

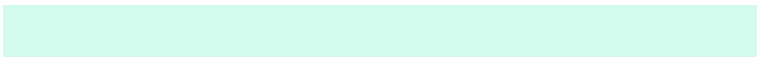
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 22.444, 149.247



96, 27.858, 148.950



95, 15.705, 173.295



51, 7.756, 149.765



67, 90.103, 138.437



22, 38.371, 141.028

Inverse Universe

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



88, 22.524, 331.377



88, 27.966, 331.620



88, 16.422, 356.422



49, 7.780, 330.924



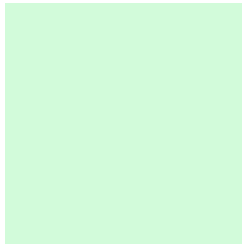
43, 79.184, 337.879



11, 36.496, 336.431

Previews

White Background



This preview shows how the CIE LCh color 95, 22.442, 149.247 looks on a white background.

Color Contrast Check

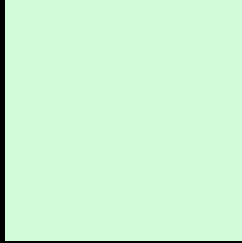
Large Text (above 18pt) WCAG AA × Fail

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, 22.442, 149.247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

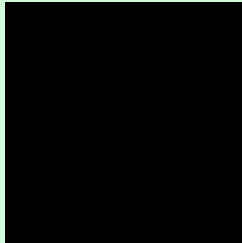
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

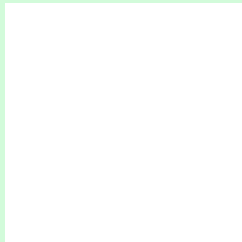
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 22.442, 149.247

Background



This preview shows how black text looks on a background with the CIELCh color 95, 22.442, 149.247.

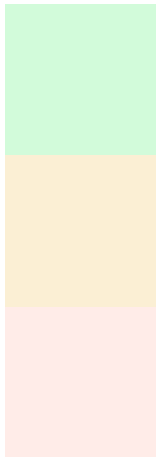


This preview shows how white text looks on a background with the CIELCh color 95, 22.442, 149.247.

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, 22.442, 149.247

Protanopia

95, 14.511, 91.163

Deuteranopia

95, 7.163, 36.345

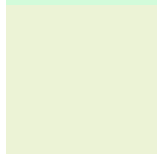


Tritanopia
95, 8.125, 248.708

Trichromacy



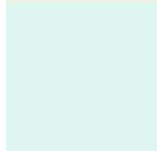
Original Color
95, 22.442, 149.247



Protanomaly
95, 15.059, 118.825



Deuteranomaly
95, 7.208, 115.344



Tritanomaly
95, 9.068, 182.403

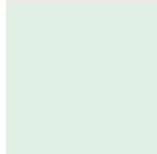
Monochromacy



Original Color
95, 22.442, 149.247



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 8.197, 150.173

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 22.442, 149.247 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, 251, 218)` looks like.

```
.text, #text, p{  
    color:rgb(210, 251, 218)  
}
```

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, 251, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 251, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 22.442, 149.247 is called "border". The border property can be set on classes, ids or directly on the HTML element.

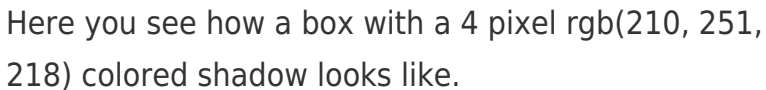
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(210, 251, 218) }
```

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

```
.border{ border-color:rgb(210, 251, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(210, 251, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 251, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 251, 218);  
box-shadow:4px 4px 4px 4px rgb(210, 251,  
218) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 22.442, 149.247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 251, 218) }
```

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

```
.background{ background-color: rgb(210,  
251, 218) }
```

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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