

Converting Colors

CIELCh(96, 22.603, 149.895)

Have a look what the booklet for
CIELCh(96, 22.603, 149.895)
contains.

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Color

CIElCh(96, 22.620, 149.890)

Conversions

Conversions Part 1

Format	Color
Hex	D4FEDD
RGB	212, 254, 221
RGB Percent	83%, 100%, 87%
CMY	0.1690, 0.0043, 0.1338
CMYK	0.17, 0.00, 0.13, 0.00
HSL	133°, 95%, 91%
HSV	133°, 17%, 100%
XYZ	75.5629, 90.0078, 81.7213
YIQ	237.6800, -14.4390, -19.1670

Conversions

Conversions Part 2

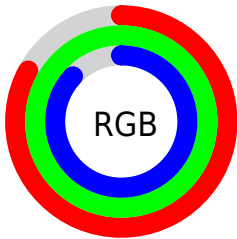
Format	Color
R _Y B	212, 247, 254
Decimal	13958877
CIE Lab	96.00, -19.57, 11.35
CIE LCh	96, 22.620, 149.890
Yxy	90.0078, 0.3056, 0.3640
Android (android.graphics.Color)	4292148957 (0xFFD4FEDD)
YUV	237.6800, -8.2232, -22.5214
Hunter-Lab	94.8724, -23.8572, 15.3394

Details

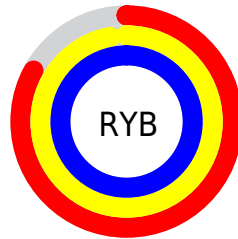
The CIELCh color **96, 22.620, 149.890** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **89, 22.715, 332.082**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 22.440, 149.981** is the 20% darker color. If you saturate the color by 10%, you get **94, 36.330, 149.031**, and if you desaturate by 10%, it is **98, 8.898, 150.649**.

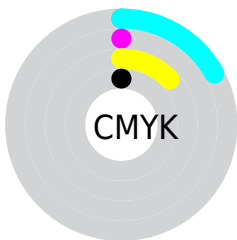
Distribution



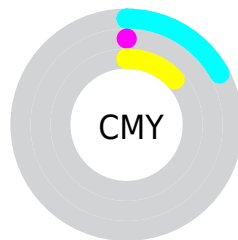
- Red (83%)
- Green (100%)
- Blue (87%)



- Red (83%)
- Yellow (97%)
- Blue (100%)



- Cyan (17%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)





- Cyan (17%)
- Magenta (0%)
- Yellow (13%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 22.620, 149.890 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 96, 22.620, 149.890 by changing the saturation by 10% instead.


 96, 22.620,
149.890


 96, 22.620,
149.890


 100, 22.620,
149.890


 86, 22.620,
149.890

 76, 22.620,
149.890

 66, 22.620,
149.890

 56, 22.620,
149.890

 46, 22.620,
149.890

 36, 22.620,
149.890

 26, 22.620,

149.890

■ 16, 22.620,
149.890

■ 6, 22.620, 149.890

■ 96, 22.620,
149.890

■ 96, 22.620,
149.890

■ 94, 36.330,
149.031

■ 98, 8.898, 150.649

■ 92, 49.815,
148.038

100, 0.696,
324.022

■ 91, 62.822,
146.890

■ 90, 75.062,
145.574

■ 89, 86.231,
144.090

■ 88, 96.031,
142.463

■ 88, 104.201,
140.751

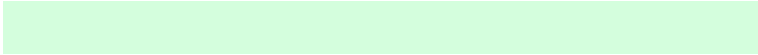
■ 88, 110.545,
139.062

■ 88, 112.344,
138.541

Harmonies

Complementary

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



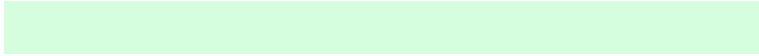
96, 22.620, 149.890



89, 22.715, 332.082

Rectangle

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



96, 22.620, 149.890



96, 22.620, 199.890



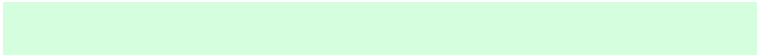
96, 22.620, 329.890



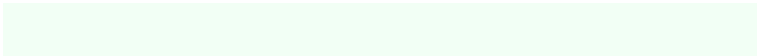
96, 22.620, 19.890

Sweetspot

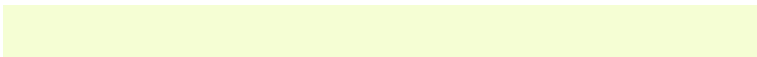
The Sweet Spot groups the original color and five complimentary colors.



96, 22.622, 149.890



99, 6.815, 150.766



98, 21.499, 116.856



53, 4.653, 150.712



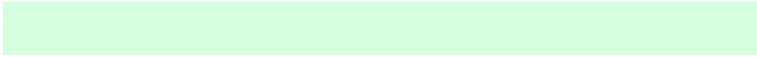
0, 0.000, 0.000



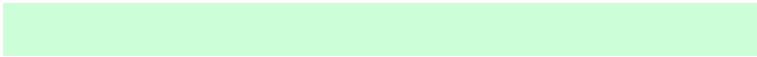
53, 0.007, 296.813

Same Dimension

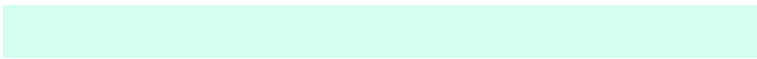
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 22.622, 149.890



96, 27.470, 149.606



96, 15.879, 174.418



52, 7.777, 150.430



68, 90.157, 138.834



23, 39.099, 141.363

Inverse Universe

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



89, 22.715, 332.082



87, 27.593, 332.317



89, 16.660, 357.598



50, 7.803, 331.608



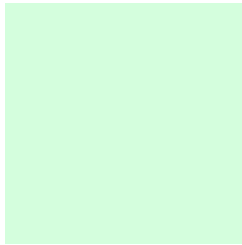
43, 78.843, 339.071



11, 36.972, 337.493

Previews

White Background



This preview shows how the CIE LCh color 96, 22.620, 149.890 looks on a white background.

Color Contrast Check

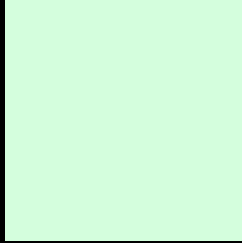
Large Text (above 18pt) WCAG AA × Fail

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 96, 22.620, 149.890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

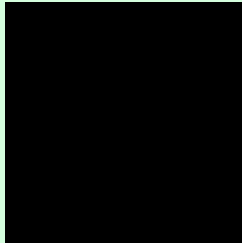
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

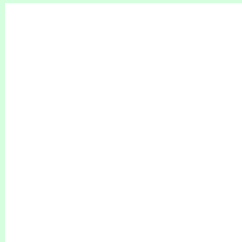
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 22.620, 149.890

Background



This preview shows how black text looks on a background with the CIELCh color 96, 22.620, 149.890.

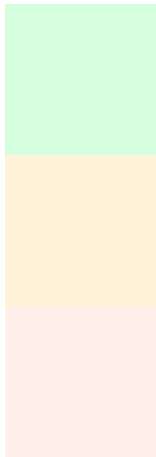


This preview shows how white text looks on a background with the CIELCh color 96, 22.620, 149.890.

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
96, 22.620, 149.890

Protanopia
96, 14.476, 91.185

Deuteranopia
96, 5.754, 40.409

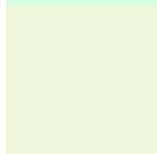


Tritanopia
96, 6.712, 249.205

Trichromacy



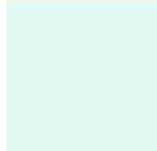
Original Color
96, 22.620, 149.890



Protanomaly
96, 15.024, 118.834



Deuteranomaly
96, 7.485, 126.280

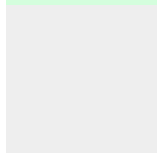


Tritanomaly
96, 8.408, 181.161

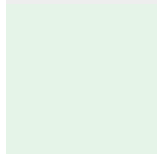
Monochromacy



Original Color
96, 22.620, 149.890



Achromatopsia
94, 0.011, 296.813



Achromatomaly
95, 8.178, 150.179

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 22.620, 149.890 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(212, 254, 221)` looks like.

```
.text, #text, p{  
    color:rgb(212, 254, 221)  
}
```

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(212, 254, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 254, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 22.620, 149.890 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(212, 254, 221) }
```

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

```
.border{ border-color:rgb(212, 254, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 254, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 254, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 254, 221);  
box-shadow:4px 4px 4px 4px rgb(212, 254,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 22.620, 149.890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 254, 221) }
```

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

```
.background{ background-color: rgb(212,  
254, 221) }
```

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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