

Converting Colors

CIELCh(100, 32.859, 151.438)

Have a look what the booklet for
CIELCh(100, 32.859, 151.438)
contains.

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Color

CIElCh(96, 23.897, 154.749)

Conversions

Conversions Part 1

Format	Color
Hex	CEFFDF
RGB	206, 255, 223
RGB Percent	81%, 100%, 87%
CMY	0.1920, 0.0000, 0.1253
CMYK	0.19, 0.00, 0.13, 0.00
HSL	141°, 100%, 90%
HSV	141°, 19%, 100%
XYZ	74.5660, 90.0078, 83.2871
YIQ	236.7010, -18.9320, -20.3400

Conversions

Conversions Part 2

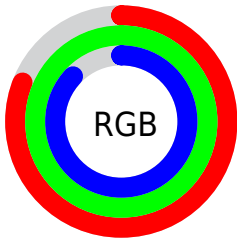
Format	Color
R _Y B	206, 242, 255
Decimal	13565919
CIE Lab	96.00, -21.61, 10.19
CIE LCh	96, 23.897, 154.749
Yxy	90.0078, 0.3008, 0.3631
Android (android.graphics.Color)	4291755999 (0xFFCEFFDF)
YUV	236.7010, -6.7546, -26.9248
Hunter-Lab	94.8724, -25.7327, 14.3609

Details

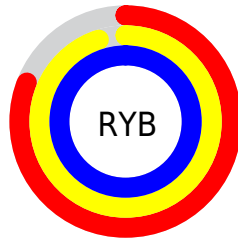
The CIELCh color **96, 23.897, 154.749** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **88, 24.126, 337.682**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 23.764, 154.987** is the 20% darker color. If you saturate the color by 10%, you get **94, 36.234, 153.804**, and if you desaturate by 10%, it is **98, 11.405, 155.620**.

Distribution



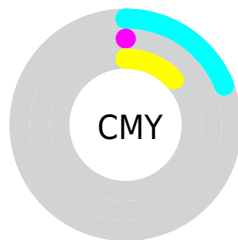
- Red (81%)
- Green (100%)
- Blue (87%)



- Red (81%)
- Yellow (95%)
- Blue (100%)



- Cyan (19%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)





- Cyan (19%)
- Magenta (0%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 23.897, 154.749 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, 23.897, 154.749 by changing the saturation by 10% instead.


 96, 23.897,
154.749


 96, 23.897,
154.749


 100, 23.897,
154.749


 86, 23.897,
154.749

 76, 23.897,
154.749

 66, 23.897,
154.749

 56, 23.897,
154.749

 46, 23.897,
154.749

 36, 23.897,
154.749

 26, 23.897,

154.749

■ 16, 23.897,
154.749

■ 6, 23.897, 154.749

■ 96, 23.897,
154.749

■ 96, 23.897,
154.749

■ 94, 36.234,
153.804

■ 98, 11.405,
155.620

■ 93, 48.310,
152.704

100, 0.012,
296.813

■ 91, 59.877,
151.440

■ 90, 70.700,
149.991

■ 89, 80.556,
148.343

■ 89, 89.267,
146.499

■ 88, 96.723,
144.487

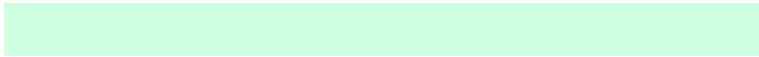
■ 88, 102.947,
142.403

■ 88, 103.410,
142.245

Harmonies

Complementary

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



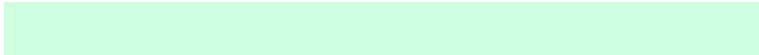
96, 23.897, 154.749



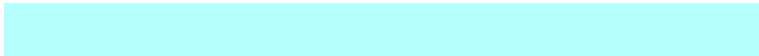
88, 24.126, 337.682

Rectangle

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



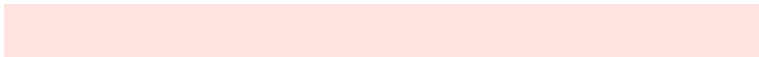
96, 23.897, 154.749



96, 23.897, 204.749



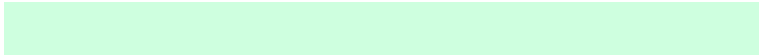
96, 23.897, 334.749



96, 23.897, 24.749

Sweetspot

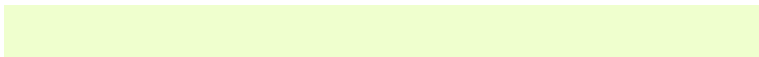
The Sweet Spot groups the original color and five complimentary colors.



96, 23.868, 154.765



99, 7.426, 155.885



98, 25.517, 121.987



53, 4.928, 155.830



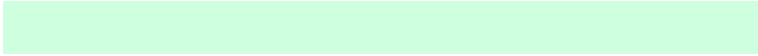
0, 0.000, 0.000



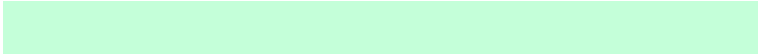
53, 0.007, 296.813

Same Dimension

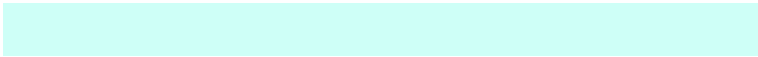
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 23.868, 154.765



95, 28.591, 154.414



97, 17.100, 184.162



52, 7.051, 155.595



68, 82.561, 142.633



23, 35.521, 145.655

Inverse Universe

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



88, 24.126, 337.682



85, 28.949, 337.995



87, 18.638, 7.725



50, 7.097, 336.915



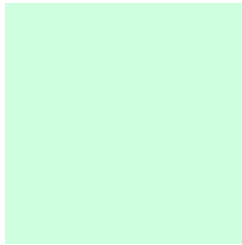
42, 72.243, 348.584



11, 34.069, 345.349

Previews

White Background



This preview shows how the CIE LCh color 96, 23.897, 154.749 looks on a white background.

Color Contrast Check

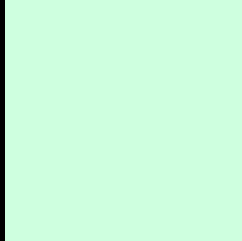
Large Text (above 18pt) WCAG AA × Fail

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, 23.897, 154.749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

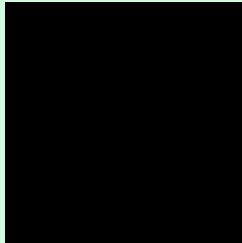
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

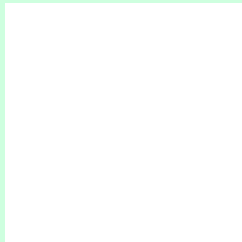
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 23.897, 154.749

Background



This preview shows how black text looks on a background with the CIELCh color 96, 23.897, 154.749.

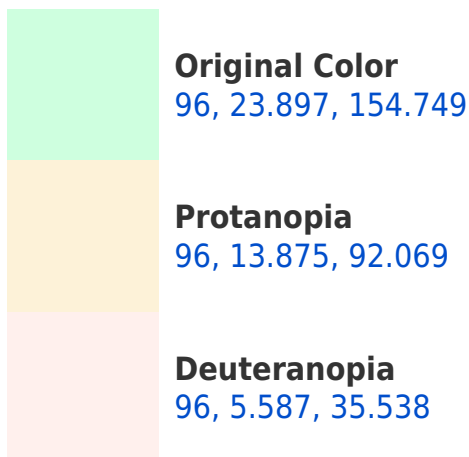


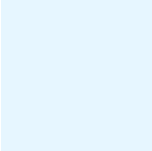
This preview shows how white text looks on a background with the CIELCh color 96, 23.897, 154.749.

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



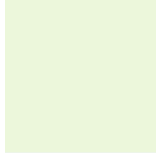


Tritanopia
96, 7.066, 240.063

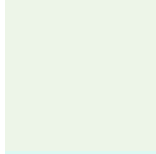
Trichromacy



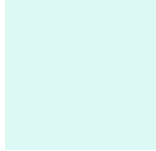
Original Color
96, 23.897, 154.749



Protanomaly
96, 14.858, 124.679

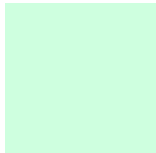


Deuteranomaly
96, 7.257, 132.799

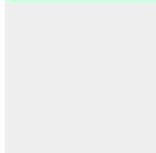


Tritanomaly
96, 10.187, 181.201

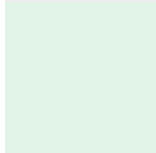
Monochromacy



Original Color
96, 23.897, 154.749



Achromatopsia
94, 0.011, 296.813



Achromatomaly
95, 8.909, 155.180

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 23.897, 154.749 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(206, 255, 223)` looks like.

```
.text, #text, p{  
    color:rgb(206, 255, 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(206, 255, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 255, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 23.897, 154.749 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(206, 255, 223) }
```

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

```
.border{ border-color:rgb(206, 255, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 255, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 255, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 255, 223);  
box-shadow:4px 4px 4px 4px rgb(206, 255,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 23.897, 154.749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 255, 223) }
```

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

```
.background{ background-color: rgb(206,  
255, 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](#).

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