

Converting Colors

CIELCh(96, 23.191, 152.941)

Have a look what the booklet for
CIELCh(96, 23.191, 152.941)
contains.

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Color

CIElCh(96, 23.544, 152.267)

Conversions

Conversions Part 1

Format	Color
Hex	D1FFDE
RGB	209, 255, 222
RGB Percent	82%, 100%, 87%
CMY	0.1819, 0.0016, 0.1310
CMYK	0.18, 0.00, 0.13, 0.00
HSL	137°, 98%, 91%
HSV	137°, 18%, 100%
XYZ	74.9422, 90.0078, 82.2503
YIQ	237.4840, -16.8230, -20.0150

Conversions

Conversions Part 2

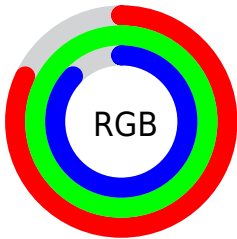
Format	Color
R _{YB}	209, 245, 255
Decimal	13762526
CIE _{Lab}	96.00, -20.84, 10.96
CIE _{LCh}	96, 23.544, 152.267
Y _{xy}	90.0078, 0.3032, 0.3641
Android (android.graphics.Color)	4291952606 (0xFFD1FFDE)
YUV	237.4840, -7.6336, -24.9805
Hunter-Lab	94.8724, -25.0250, 15.0088

Details

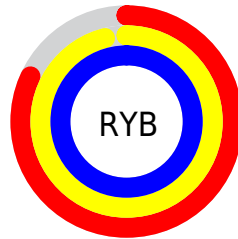
The CIELCh color **96, 23.544, 152.267** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **88, 23.708, 334.831**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 23.401, 152.425** is the 20% darker color. If you saturate the color by 10%, you get **94, 36.565, 151.355**, and if you desaturate by 10%, it is **98, 10.469, 153.073**.

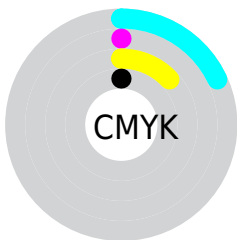
Distribution



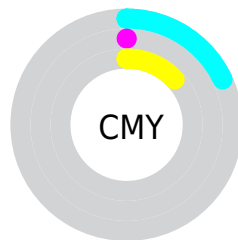
- Red (82%)
- Green (100%)
- Blue (87%)



- Red (82%)
- Yellow (96%)
- Blue (100%)



- Cyan (18%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)





- Cyan (18%)
- Magenta (0%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 23.544, 152.267 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, 23.544, 152.267 by changing the saturation by 10% instead.


 96, 23.544,
152.267


 96, 23.544,
152.267


 100, 23.544,
152.267


 86, 23.544,
152.267

 76, 23.544,
152.267

 66, 23.544,
152.267

 56, 23.544,
152.267

 46, 23.544,
152.267

 36, 23.544,
152.267

 26, 23.544,

152.267

■ 16, 23.544,
152.267

■ 6, 23.544, 152.267

■ 96, 23.544,
152.267

■ 96, 23.544,
152.267

■ 94, 36.565,
151.355

■ 98, 10.469,
153.073

■ 93, 49.327,
150.306

100, 0.262,
323.268

■ 91, 61.596,
149.096

■ 90, 73.112,
147.707

■ 89, 83.618,
146.131

■ 89, 92.882,
144.380

■ 88, 100.734,
142.496

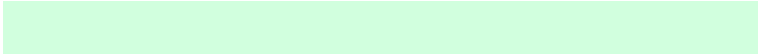
■ 88, 107.094,
140.576

■ 88, 108.186,
140.232

Harmonies

Complementary

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



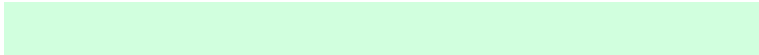
96, 23.544, 152.267



88, 23.708, 334.831

Rectangle

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



96, 23.544, 152.267



96, 23.544, 202.267



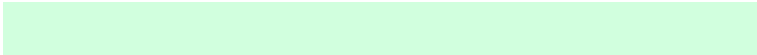
96, 23.544, 332.267



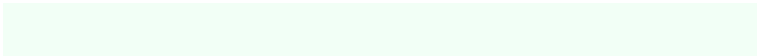
96, 23.544, 22.267

Sweetspot

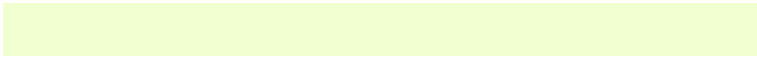
The Sweet Spot groups the original color and five complimentary colors.



96, 23.546, 152.266



99, 6.484, 153.316



98, 23.727, 119.434



53, 4.427, 153.259



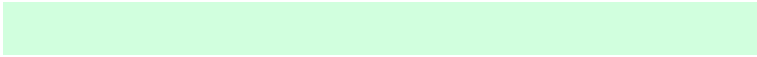
0, 0.000, 0.000



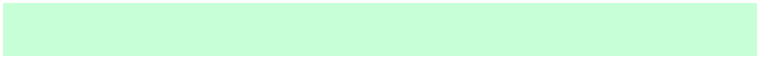
53, 0.007, 296.813

Same Dimension

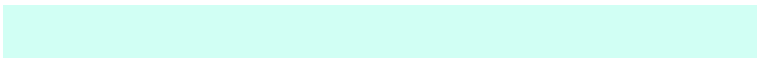
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 23.546, 152.266



95, 28.724, 151.922



97, 16.668, 179.081



52, 7.397, 152.961



68, 86.537, 140.582



23, 37.327, 143.406

Inverse Universe

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



88, 23.708, 334.831



86, 28.950, 335.125



88, 17.805, 2.566



50, 7.432, 334.207



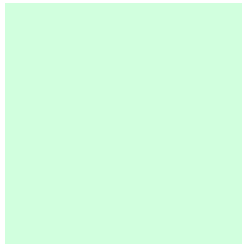
43, 75.158, 343.673



11, 35.387, 341.310

Previews

White Background



This preview shows how the CIE LCh color 96, 23.544, 152.267 looks on a white background.

Color Contrast Check

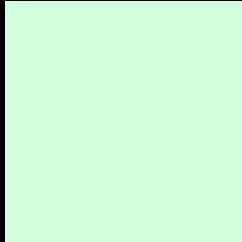
Large Text (above 18pt) WCAG AA × Fail

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, 23.544, 152.267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

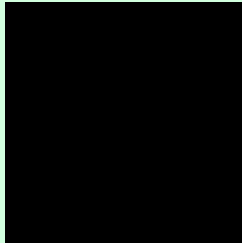
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

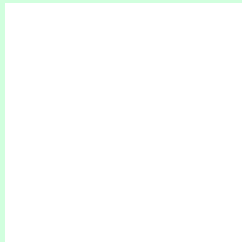
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 23.544, 152.267

Background



This preview shows how black text looks on a background with the CIELCh color 96, 23.544, 152.267.

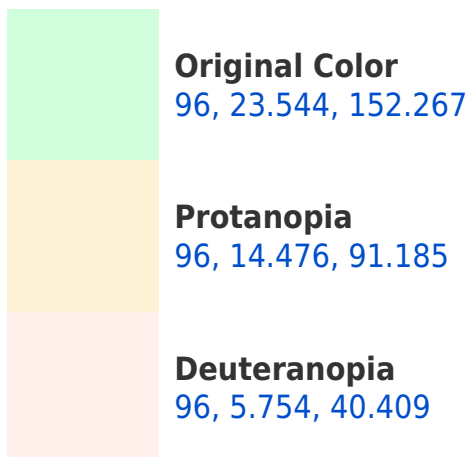


This preview shows how white text looks on a background with the CIELCh color 96, 23.544, 152.267.

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



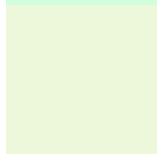


Tritanopia
96, 6.933, 247.072

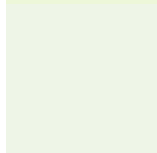
Trichromacy



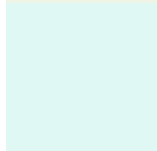
Original Color
96, 23.544, 152.267



Protanomaly
96, 15.747, 122.389



Deuteranomaly
96, 7.600, 128.836



Tritanomaly
96, 9.055, 182.410

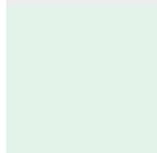
Monochromacy



Original Color
96, 23.544, 152.267



Achromatopsia
94, 0.011, 296.813



Achromatomaly
94, 8.421, 151.944

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 23.544, 152.267 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(209, 255, 222)` looks like.

```
.text, #text, p{  
    color:rgb(209, 255, 222)  
}
```

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(209, 255, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 255, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 23.544, 152.267 is called "border". The border property can be set on classes, ids or directly on the HTML element.

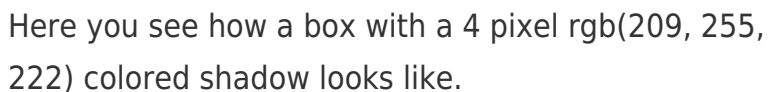
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(209, 255, 222) }
```

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

```
.border{ border-color:rgb(209, 255, 222) }
```

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



Here you see how a box with a 4 pixel `rgb(209, 255, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 255, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 255, 222); box-shadow:4px 4px 4px 4px rgb(209, 255, 222) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 23.544, 152.267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 255, 222) }
```

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

```
.background{ background-color: rgb(209,  
255, 222) }
```

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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