

Converting Colors

CIELCh(96, 13.927, 163.277)

Have a look what the booklet for
CIELCh(96, 13.927, 163.277)
contains.

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Color

CIElCh(96, 13.952, 162.591)

Conversions

Conversions Part 1

Format	Color
Hex	DBFBEB
RGB	219, 251, 235
RGB Percent	86%, 98%, 92%
CMY	0.1414, 0.0159, 0.0786
CMYK	0.13, 0.00, 0.06, 0.02
HSL	150°, 80%, 92%
HSV	150°, 13%, 98%
XYZ	78.6655, 90.0078, 91.7840
YIQ	239.6080, -13.9360, -11.7600

Conversions

Conversions Part 2

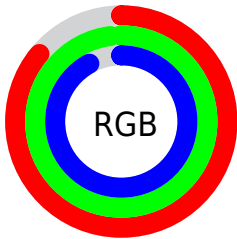
Format	Color
R _Y B	219, 240, 251
Decimal	14416875
CIE Lab	96.00, -13.31, 4.17
CIE LCh	96, 13.952, 162.591
Yxy	90.0078, 0.3020, 0.3456
Android (android.graphics.Color)	4292606955 (0xFFDBFBEB)
YUV	239.6080, -2.2717, -18.0732
Hunter-Lab	94.8724, -18.0196, 9.0508

Details

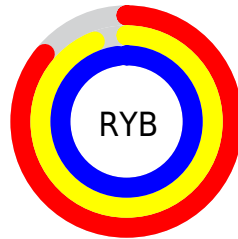
The CIELCh color **96, 13.952, 162.591** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **90, 14.187, 344.708**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 13.726, 162.356** is the 20% darker color. If you saturate the color by 10%, you get **94, 24.832, 161.607**, and if you desaturate by 10%, it is **98, 3.003, 163.582**.

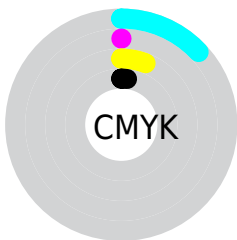
Distribution



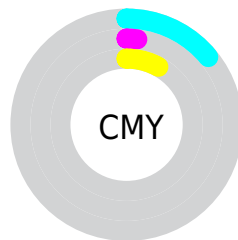
- Red (86%)
- Green (98%)
- Blue (92%)



- Red (86%)
- Yellow (94%)
- Blue (98%)



- Cyan (13%)
- Magenta (0%)
- Yellow (6%)
- Black (2%)





- Cyan (14%)
- Magenta (2%)
- Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 13.952, 162.591 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, 13.952, 162.591 by changing the saturation by 10% instead.


 96, 13.952,
162.591


 96, 13.952,
162.591


 100, 13.952,
162.591


 86, 13.952,
162.591

 76, 13.952,
162.591

 66, 13.952,
162.591

 56, 13.952,
162.591

 46, 13.952,
162.591

 36, 13.952,
162.591

 26, 13.952,

162.591

■ 16, 13.952,
162.591

■ 6, 13.952, 162.591

■ 96, 13.952,
162.591

■ 96, 13.952,
162.591

■ 94, 24.832,
161.607

■ 98, 3.003, 163.582

■ 93, 35.483,
160.519

■ 99, 2.522, 324.407

■ 91, 45.732,
159.294

■ 90, 55.387,
157.905

■ 89, 64.265,
156.329

■ 88, 72.214,
154.543

■ 88, 79.146,
152.539

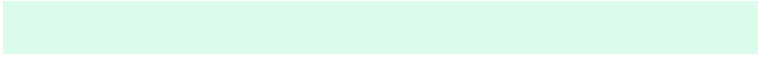
■ 87, 85.063,
150.332

■ 87, 88.838,
148.670

Harmonies

Complementary

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



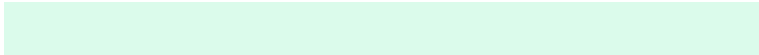
96, 13.952, 162.591



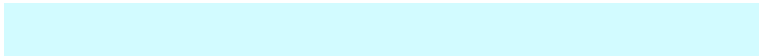
90, 14.187, 344.708

Rectangle

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



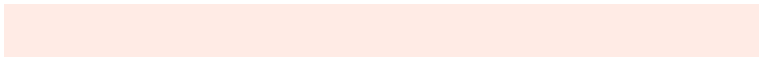
96, 13.952, 162.591



96, 13.952, 212.591



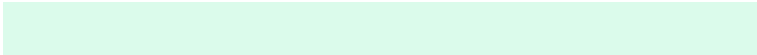
96, 13.952, 342.591



96, 13.952, 32.591

Sweetspot

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



96, 13.954, 162.588



99, 4.425, 163.428



97, 17.263, 127.909



53, 3.146, 163.348



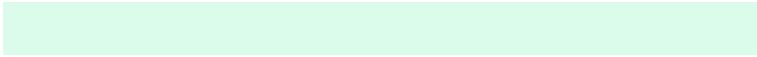
0, 0.000, 0.000



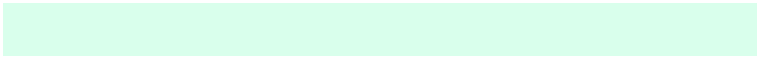
53, 0.007, 296.813

Same Dimension

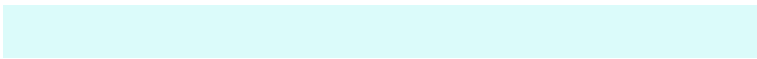
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 13.954, 162.588



97, 16.624, 162.374



96, 10.875, 197.325



51, 6.198, 162.893



67, 71.068, 149.104



22, 30.047, 152.502

Inverse Universe

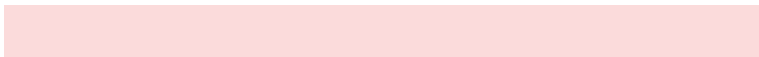
The Inverse Universe completely reimagines the original color for something new.



90, 14.187, 344.708



90, 16.946, 344.923



90, 11.777, 18.870



49, 6.278, 344.404



41, 67.573, 2.064



10, 31.065, 356.212

Previews

White Background



This preview shows how the CIE LCh color 96, 13.952, 162.591 looks on a white background.

Color Contrast Check

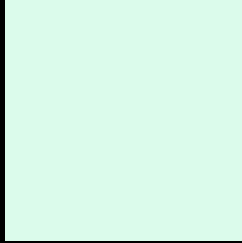
Large Text (above 18pt) WCAG AA × Fail

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, 13.952, 162.591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

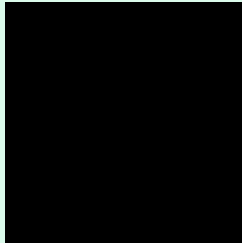
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

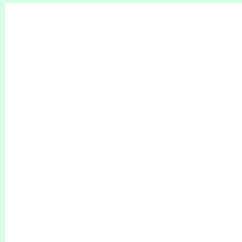
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 13.952, 162.591

Background



This preview shows how black text looks on a background with the CIELCh color 96, 13.952, 162.591.

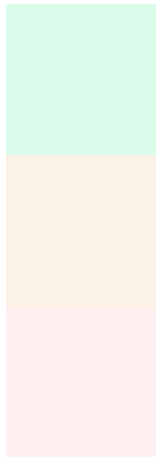


This preview shows how white text looks on a background with the CIELCh color 96, 13.952, 162.591.

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

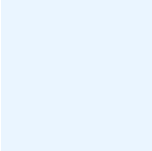
96, 13.952, 162.591

Protanopia

96, 6.759, 84.351

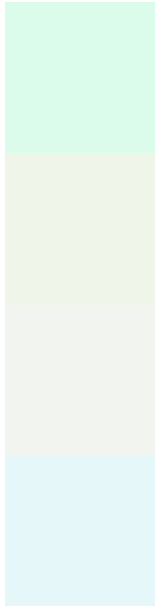
Deuteranopia

96, 5.379, 14.205



Tritanopia
96, 6.300, 253.916

Trichromacy



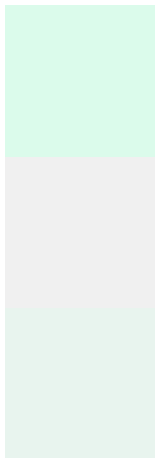
Original Color
96, 13.952, 162.591

Protanomaly
96, 6.997, 127.490

Deuteranomaly
96, 2.652, 125.439

Tritanomaly
96, 6.213, 203.852

Monochromacy



Original Color
96, 13.952, 162.591

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 5.252, 163.335

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 13.952, 162.591 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(219, 251, 235)` looks like.

```
.text, #text, p{  
    color:rgb(219, 251, 235)  
}
```

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(219, 251, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 251, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 13.952, 162.591 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(219, 251, 235) }
```

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

```
.border{ border-color:rgb(219, 251, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 251, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 251, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 251, 235);  
box-shadow:4px 4px 4px 4px rgb(219, 251,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 13.952, 162.591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 251, 235) }
```

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

```
.background{ background-color: rgb(219,  
251, 235) }
```

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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