

Converting Colors

CIELCh(98, 23.904, 155.375)

Have a look what the booklet for
CIELCh(98, 23.904, 155.375)
contains.

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Color

CIELCh(96, 20.470, 157.667)

Conversions

Conversions Part 1

Format	Color
Hex	D2FEE4
RGB	210, 254, 228
RGB Percent	82%, 100%, 89%
CMY	0.1772, 0.0048, 0.1066
CMYK	0.17, 0.00, 0.10, 0.00
HSL	145°, 95%, 91%
HSV	145°, 17%, 100%
XYZ	75.8732, 90.0078, 86.6309
YIQ	237.8800, -17.8780, -17.4140

Conversions

Conversions Part 2

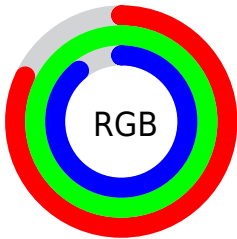
Format	Color
R _Y B	210, 241, 254
Decimal	13827812
CIE Lab	96.00, -18.93, 7.78
CIE LCh	96, 20.470, 157.667
Yxy	90.0078, 0.3005, 0.3564
Android (android.graphics.Color)	4292017892 (0xFFD2FEE4)
YUV	237.8800, -4.8708, -24.4508
Hunter-Lab	94.8724, -23.2734, 12.2712

Details

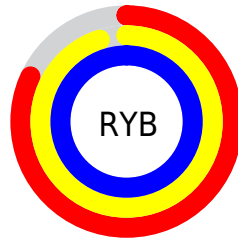
The CIELCh color **96, 20.470, 157.667** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **88, 20.760, 340.423**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 20.202, 158.224** is the 20% darker color. If you saturate the color by 10%, you get **94, 32.217, 156.691**, and if you desaturate by 10%, it is **98, 8.636, 158.549**.

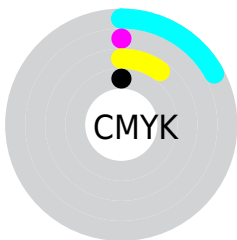
Distribution



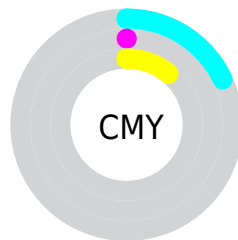
- Red (82%)
- Green (100%)
- Blue (89%)



- Red (82%)
- Yellow (95%)
- Blue (100%)



- Cyan (17%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)





- Cyan (18%)
- Magenta (0%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 20.470, 157.667 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, 20.470, 157.667 by changing the saturation by 10% instead.


 96, 20.470,
157.667


 96, 20.470,
157.667


 100, 20.470,
157.667


 86, 20.470,
157.667

 76, 20.470,
157.667

 66, 20.470,
157.667

 56, 20.470,
157.667

 46, 20.470,
157.667

 36, 20.470,
157.667

 26, 20.470,

157.667

■ 16, 20.470,
157.667

■ 6, 20.470, 157.667

■ 96, 20.470,
157.667

■ 96, 20.470,
157.667

■ 94, 32.217,
156.691

■ 98, 8.636, 158.549

■ 93, 43.695,
155.586

100, 0.764,
324.064

■ 91, 54.704,
154.325

■ 90, 65.032,
152.883

■ 89, 74.475,
151.239

■ 89, 82.876,
149.385

■ 88, 90.147,
147.333

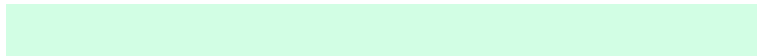
■ 88, 96.309,
145.134

■ 88, 97.829,
144.560

Harmonies

Complementary

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



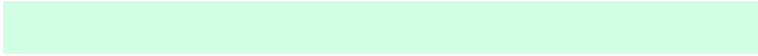
96, 20.470, 157.667



88, 20.760, 340.423

Rectangle

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



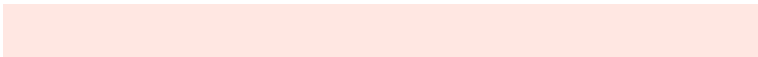
96, 20.470, 157.667



96, 20.470, 207.667



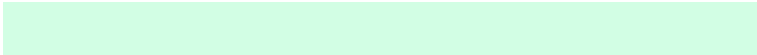
96, 20.470, 337.667



96, 20.470, 27.667

Sweetspot

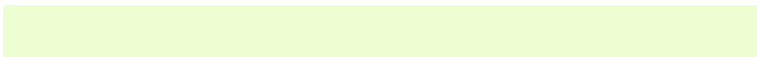
The Sweet Spot groups the original color and five complimentary colors.



96, 20.472, 157.665



99, 5.909, 158.758



97, 23.242, 124.632



53, 4.034, 158.693



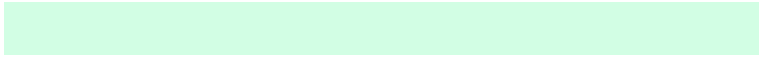
0, 0.000, 0.000



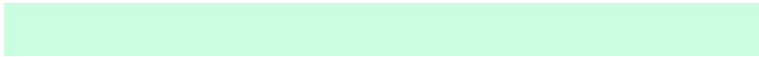
53, 0.007, 296.813

Same Dimension

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



96, 20.472, 157.665



96, 24.904, 157.320



97, 15.026, 189.839



52, 6.735, 158.360



68, 78.378, 144.967



23, 33.709, 148.112

Inverse Universe

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



88, 20.760, 340.423



87, 25.320, 340.748



88, 16.474, 12.694



50, 6.793, 339.758



42, 70.082, 353.778



11, 33.006, 349.613

Previews

White Background



This preview shows how the CIE LCh color 96, 20.470, 157.667 looks on a white background.

Color Contrast Check

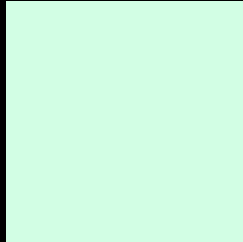
Large Text (above 18pt) WCAG AA × Fail

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, 20.470, 157.667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

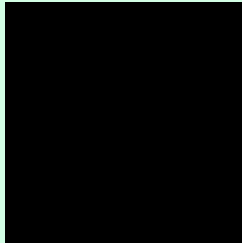
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

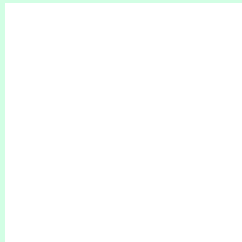
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 20.470, 157.667

Background



This preview shows how black text looks on a background with the CIELCh color 96, 20.470, 157.667.

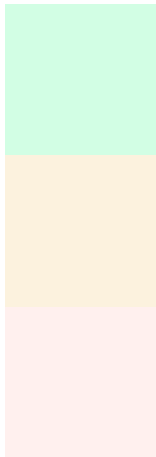


This preview shows how white text looks on a background with the CIELCh color 96, 20.470, 157.667.

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](#).

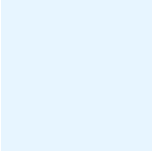
Dichromacy



Original Color
96, 20.485, 157.661

Protanopia
96, 10.838, 89.602

Deuteranopia
96, 5.464, 30.405

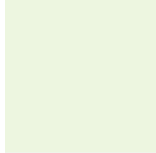


Tritanopia
96, 6.933, 247.072

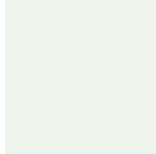
Trichromacy



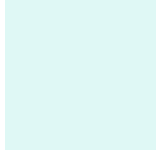
Original Color
96, 20.485, 157.661



Protanomaly
96, 11.718, 125.404



Deuteranomaly
96, 6.031, 130.476

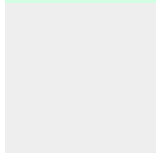


Tritanomaly
96, 8.772, 188.786

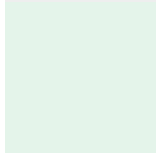
Monochromacy



Original Color
96, 20.485, 157.661



Achromatopsia
94, 0.011, 296.813



Achromatomaly
95, 7.676, 157.053

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 20.470, 157.667 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, 254, 228)` looks like.

```
.text, #text, p{  
    color:rgb(210, 254, 228)  
}
```

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, 254, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 254, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 20.470, 157.667 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, 254, 228) }
```

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

```
.border{ border-color:rgb(210, 254, 228) }
```

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

Here you see how a box with a 4 pixel rgb(210, 254, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 254, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 254, 228);  
box-shadow:4px 4px 4px 4px rgb(210, 254,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 20.470, 157.667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 254, 228) }
```

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

```
.background{ background-color: rgb(210,  
254, 228) }
```

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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