

Converting Colors

CIELCh(96, 20.756, 156.037)

Have a look what the booklet for
CIELCh(96, 20.756, 156.037)
contains.

CIELCh(96, 20.840, 156.629)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(96, 20.840, 156.629)

Conversions

Conversions Part 1

Format	Color
Hex	D2FEE3
RGB	210, 254, 227
RGB Percent	82%, 100%, 89%
CMY	0.1770, 0.0045, 0.1104
CMYK	0.17, 0.00, 0.11, 0.00
HSL	143°, 95%, 91%
HSV	143°, 17%, 100%
XYZ	75.7772, 90.0078, 85.9476
YIQ	237.7660, -17.5570, -17.7250

Conversions

Conversions Part 2

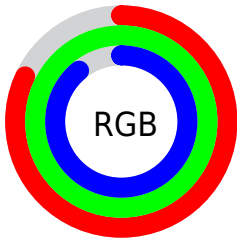
Format	Color
R _Y B	210, 242, 254
Decimal	13827811
CIE Lab	96.00, -19.13, 8.27
CIE LCh	96, 20.840, 156.629
Yxy	90.0078, 0.3010, 0.3576
Android (android.graphics.Color)	4292017891 (0xFFD2FEE3)
YUV	237.7660, -5.3076, -24.3508
Hunter-Lab	94.8724, -23.4539, 12.6982

Details

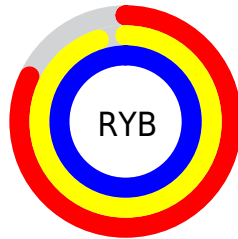
The CIELCh color **96, 20.840, 156.629** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **89, 21.101, 339.327**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 20.574, 157.118** is the 20% darker color. If you saturate the color by 10%, you get **94, 32.811, 155.667**, and if you desaturate by 10%, it is **98, 8.792, 157.496**.

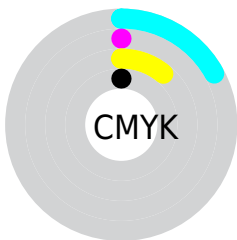
Distribution



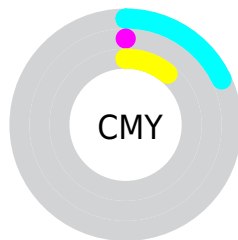
- Red (82%)
- Green (100%)
- Blue (89%)



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



- Cyan (17%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 20.840, 156.629 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, 20.840, 156.629 by changing the saturation by 10% instead.


 96, 20.840,
156.629


 96, 20.840,
156.629


 100, 20.840,
156.629


 86, 20.840,
156.629

 76, 20.840,
156.629

 66, 20.840,
156.629

 56, 20.840,
156.629

 46, 20.840,
156.629

 36, 20.840,
156.629

 26, 20.840,

156.629

■ 16, 20.840,
156.629

■ 6, 20.840, 156.629

■ 96, 20.840,
156.629

■ 96, 20.840,
156.629

■ 94, 32.811,
155.667

■ 98, 8.792, 157.496

■ 93, 44.520,
154.574

100, 0.719,
324.036

■ 91, 55.763,
153.324

■ 90, 66.319,
151.891

■ 89, 75.980,
150.259

■ 89, 84.575,
148.419

■ 88, 92.007,
146.389

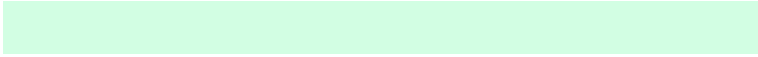
■ 88, 98.280,
144.225

■ 88, 99.815,
143.664

Harmonies

Complementary

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



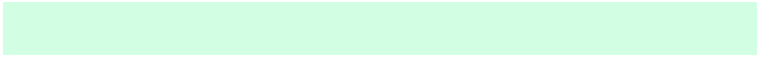
96, 20.840, 156.629



89, 21.101, 339.327

Rectangle

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



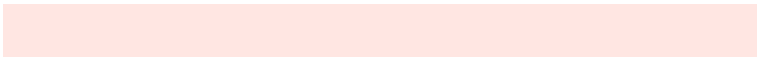
96, 20.840, 156.629



96, 20.840, 206.629



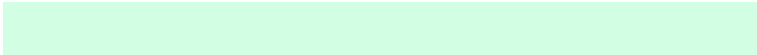
96, 20.840, 336.629



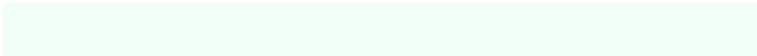
96, 20.840, 26.629

Sweetspot

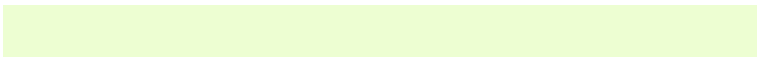
The Sweet Spot groups the original color and five complimentary colors.



96, 20.842, 156.628



99, 6.009, 157.701



97, 23.179, 124.005



53, 4.102, 157.638



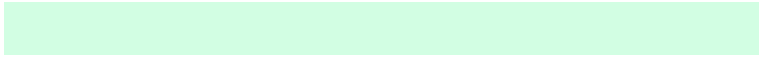
0, 0.000, 0.000



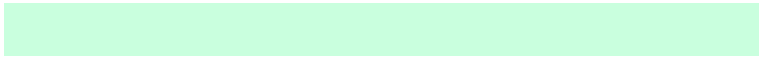
53, 0.007, 296.813

Same Dimension

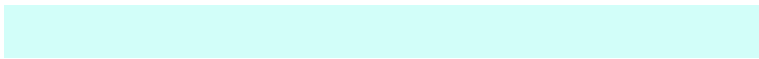
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 20.842, 156.628



96, 25.343, 156.288



97, 15.124, 188.436



52, 6.850, 157.311



68, 79.956, 144.063



23, 34.385, 147.170

Inverse Universe

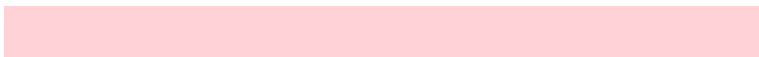
The Inverse Universe completely reimagines the original color for something new.



89, 21.101, 339.327



87, 25.715, 339.641



88, 16.520, 11.386



50, 6.903, 338.679



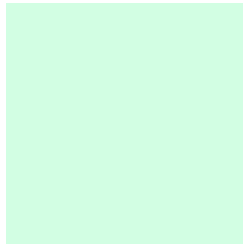
42, 70.800, 351.809



11, 33.374, 347.996

Previews

White Background



This preview shows how the CIELCh color 96, 20.840, 156.629 looks on a white background.

Color Contrast Check

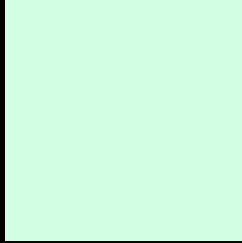
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 96, 20.840, 156.629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

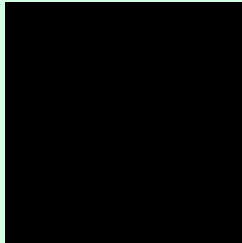
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

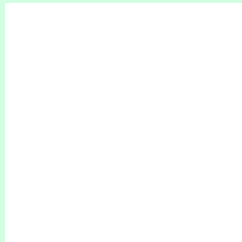
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 20.840, 156.629

Background



This preview shows how black text looks on a background with the CIELCh color 96, 20.840, 156.629.

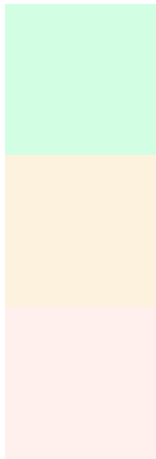


This preview shows how white text looks on a background with the CIELCh color 96, 20.840, 156.629.

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](#).

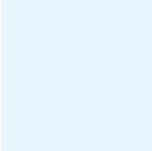
Dichromacy



Original Color
96, 20.840, 156.629

Protanopia
96, 11.322, 90.411

Deuteranopia
96, 5.464, 30.405

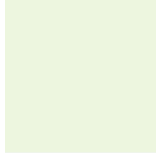


Tritanopia
96, 6.933, 247.072

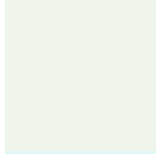
Trichromacy



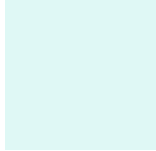
Original Color
96, 20.840, 156.629



Protanomaly
96, 12.209, 124.725



Deuteranomaly
96, 6.031, 130.476

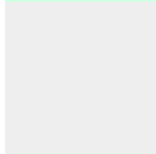


Tritanomaly
96, 8.772, 188.786

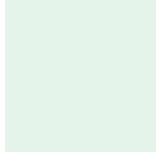
Monochromacy



Original Color
96, 20.840, 156.629



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, 20.840, 156.629 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, 227)` looks like.

```
.text, #text, p{  
    color:rgb(210, 254, 227)  
}
```

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, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 254, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 20.840, 156.629 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, 227) }
```

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

```
.border{ border-color:rgb(210, 254, 227) }
```

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, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 254, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 254, 227);  
box-shadow:4px 4px 4px 4px rgb(210, 254,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 20.840, 156.629 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, 227) }
```

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

```
.background{ background-color: rgb(210,  
254, 227) }
```

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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