

Converting Colors

CIELCh(97, 19.255, 145.175)

Have a look what the booklet for
CIELCh(97, 19.255, 145.175)
contains.

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Color

CIElCh(97, 19.160, 145.398)

Conversions

Conversions Part 1

Format	Color
Hex	DFFFE1
RGB	223, 255, 225
RGB Percent	87%, 100%, 88%
CMY	0.1264, 0.0009, 0.1186
CMYK	0.13, 0.00, 0.12, 0.00
HSL	124°, 99%, 94%
HSV	124°, 13%, 100%
XYZ	79.6004, 92.4403, 84.7128
YIQ	242.0120, -9.4420, -16.1140

Conversions

Conversions Part 2

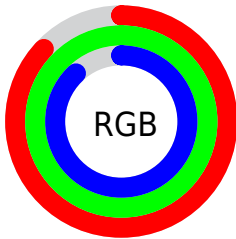
Format	Color
R_{YB}	223, 253, 255
Decimal	14680033
CIE _{Lab}	97.00, -15.77, 10.88
CIE _{LCh}	97, 19.160, 145.398
Y _{xy}	92.4403, 0.3100, 0.3600
Android (android.graphics.Color)	4292870113 (0xFFDFFE1)
YUV	242.0120, -8.3869, -16.6735
Hunter-Lab	96.1459, -20.4728, 15.0625

Details

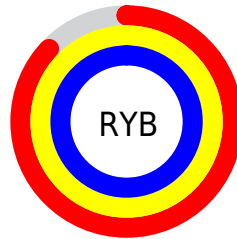
The CIELCh color **97, 19.160, 145.398** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **92, 19.191, 326.865**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 18.806, 145.347** is the 20% darker color. If you saturate the color by 10%, you get **95, 34.528, 144.641**, and if you desaturate by 10%, it is **99, 3.871, 146.103**.

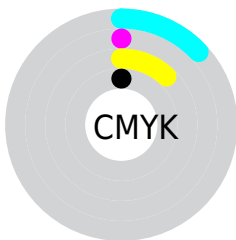
Distribution



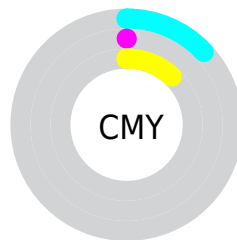
- Red (87%)
- Green (100%)
- Blue (88%)



- Red (87%)
- Yellow (99%)
- Blue (100%)



- Cyan (13%)
- Magenta (0%)
- Yellow (12%)
- Black (0%)





- Cyan (13%)
- Magenta (0%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 19.160, 145.398 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 97, 19.160, 145.398 by changing the saturation by 10% instead.


 97, 19.160,
145.398


 97, 19.160,
145.398


 100, 19.160,
145.398


 87, 19.160,
145.398

 77, 19.160,
145.398

 67, 19.160,
145.398

 57, 19.160,
145.398

 47, 19.160,
145.398

 37, 19.160,
145.398

 27, 19.160,

145.398

■ 17, 19.160,
145.398

■ 7, 19.160, 145.398

■ 97, 19.160,
145.398

■ 97, 19.160,
145.398

■ 95, 34.528,
144.641

■ 99, 3.871, 146.103

■ 93, 49.738,
143.762

100, 0.156,
322.463

■ 92, 64.490,
142.749

■ 90, 78.408,
141.604

■ 89, 91.045,
140.355

■ 89, 101.896,
139.070

■ 88, 110.431,
137.859

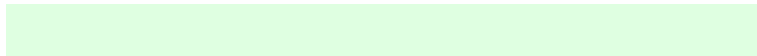
■ 88, 116.201,
136.866

■ 88, 118.651,
136.376

Harmonies

Complementary

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



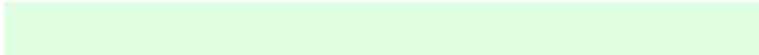
97, 19.160, 145.398



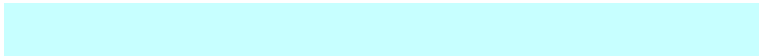
92, 19.191, 326.865

Rectangle

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



97, 19.160, 145.398



97, 19.160, 195.398



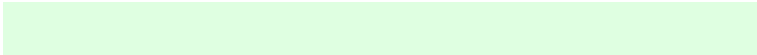
97, 19.160, 325.398



97, 19.160, 15.398

Sweetspot

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



97, 19.162, 145.398



99, 6.066, 145.987



99, 16.206, 111.022



53, 4.314, 145.933



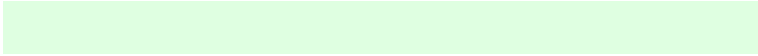
0, 0.000, 0.000



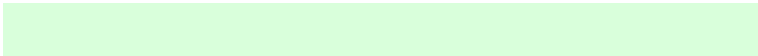
53, 0.007, 296.813

Same Dimension

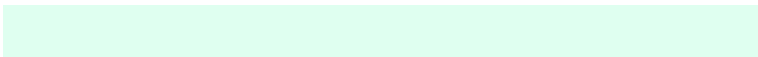
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 19.162, 145.398



97, 22.929, 145.223



97, 13.417, 165.357



52, 8.664, 145.609



68, 95.338, 136.503



22, 42.453, 137.972

Inverse Universe

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



92, 19.191, 326.865



91, 22.961, 327.008



92, 13.693, 347.528



50, 8.679, 326.684



45, 88.619, 330.893



12, 41.011, 330.553

Previews

White Background



This preview shows how the CIELCh color 97, 19.160, 145.398 looks on a white background.

Color Contrast Check

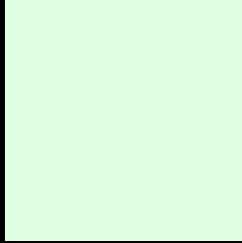
Large Text (above 18pt) WCAG AA × Fail

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 97, 19.160, 145.398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

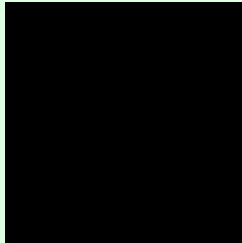
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

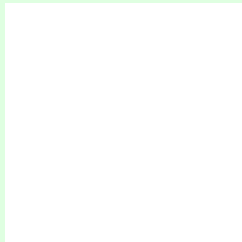
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 19.160, 145.398

Background



This preview shows how black text looks on a background with the CIELCh color 97, 19.160, 145.398.

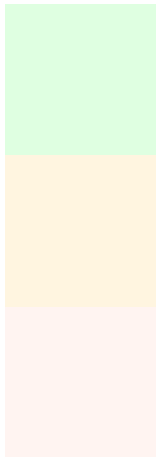


This preview shows how white text looks on a background with the CIELCh color 97, 19.160, 145.398.

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
97, 19.160, 145.398

Protanopia
97, 11.295, 90.429

Deuteranopia
97, 4.197, 40.844

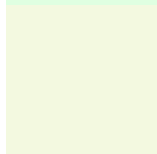


Tritanopia
97, 4.715, 259.792

Trichromacy



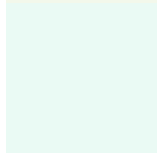
Original Color
97, 19.160, 145.398



Protanomaly
97, 12.922, 118.892



Deuteranomaly
97, 6.875, 124.692

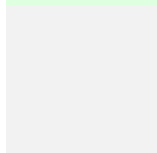


Tritanomaly
97, 6.404, 170.483

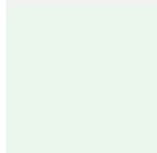
Monochromacy



Original Color
97, 19.160, 145.398



Achromatopsia
95, 0.011, 296.813



Achromatomaly
96, 7.083, 146.532

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 19.160, 145.398 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(223, 255, 225)` looks like.

```
.text, #text, p{  
    color:rgb(223, 255, 225)  
}
```

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(223, 255, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 255, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 19.160, 145.398 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(223, 255, 225) }
```

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

```
.border{ border-color:rgb(223, 255, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 255, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 255, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 255, 225); box-shadow:4px 4px 4px 4px rgb(223, 255, 225) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 19.160, 145.398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 255, 225) }
```

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

```
.background{ background-color: rgb(223,  
255, 225) }
```

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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