

Converting Colors

CIELCh(100, 28.677, 149.489)

Have a look what the booklet for
CIELCh(100, 28.677, 149.489)
contains.

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Color

CIELCh(97, 20.819, 152.822)

Conversions

Conversions Part 1

Format	Color
Hex	D7FFE3
RGB	215, 255, 227
RGB Percent	84%, 100%, 89%
CMY	0.1556, 0.0000, 0.1086
CMYK	0.16, 0.00, 0.11, 0.00
HSL	138°, 100%, 92%
HSV	138°, 16%, 100%
XYZ	78.2154, 92.4403, 86.6215
YIQ	239.8480, -14.8520, -17.1880

Conversions

Conversions Part 2

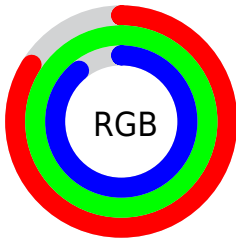
Format	Color
R _Y B	215, 246, 255
Decimal	14155747
CIE Lab	97.00, -18.52, 9.51
CIE LCh	97, 20.819, 152.822
Yxy	92.4403, 0.3040, 0.3593
Android (android.graphics.Color)	4292345827 (0xFFD7FFE3)
YUV	239.8480, -6.3341, -21.7917
Hunter-Lab	96.1459, -23.0442, 13.8855

Details

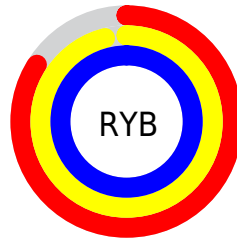
The CIELCh color **97, 20.819, 152.822** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **90, 20.143, 335.462**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 19.899, 153.495** is the 20% darker color. If you saturate the color by 10%, you get **95, 32.870, 152.359**, and if you desaturate by 10%, it is **99, 7.115, 154.058**.

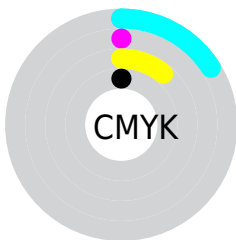
Distribution



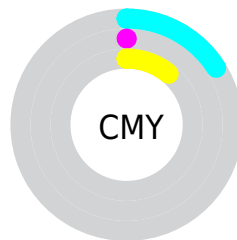
- Red (84%)
- Green (100%)
- Blue (89%)



- Red (84%)
- Yellow (96%)
- Blue (100%)



- Cyan (16%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)




- Cyan (16%)
- Magenta (0%)
- Yellow (11%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 20.819, 152.822 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, 20.819, 152.822 by changing the saturation by 10% instead.


 97, 20.819,
152.822


 97, 20.819,
152.822


 100, 20.819,
152.822


 87, 20.819,
152.822

 77, 20.819,
152.822

 67, 20.819,
152.822

 57, 20.819,
152.822

 47, 20.819,
152.822

 37, 20.819,
152.822

 27, 20.819,

152.822

■ 17, 20.819,
152.822

■ 7, 20.819, 152.822

■ 97, 20.819,
152.822

■ 97, 20.819,
152.822

■ 95, 32.870,
152.359

■ 99, 7.115, 154.058

■ 93, 45.532,
151.336

100, 0.012,
296.813

■ 92, 57.763,
150.158

■ 91, 69.319,
148.803

■ 90, 79.946,
147.259

■ 89, 89.420,
145.527

■ 88, 97.568,
143.635

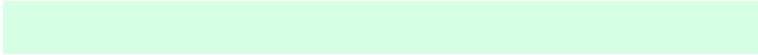
■ 88, 104.299,
141.653

■ 88, 106.882,
140.806

Harmonies

Complementary

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



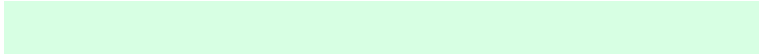
97, 20.819, 152.822



90, 20.143, 335.462

Rectangle

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



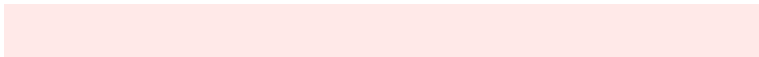
97, 20.819, 152.822



97, 20.819, 202.822



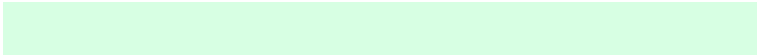
97, 20.819, 332.822



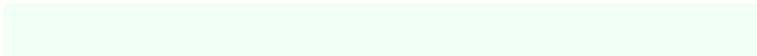
97, 20.819, 22.822

Sweetspot

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



97, 20.003, 153.251



99, 6.391, 154.105



98, 20.586, 120.901



53, 4.363, 154.047



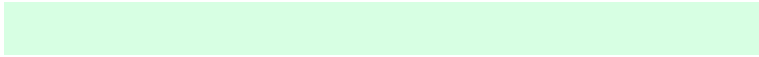
0, 0.000, 0.000



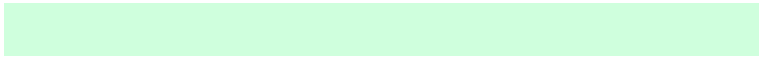
53, 0.007, 296.813

Same Dimension

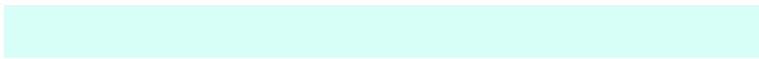
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 20.003, 153.251



96, 24.435, 152.957



97, 14.184, 181.875



52, 7.289, 153.743



68, 85.367, 141.170



23, 36.784, 144.063

Inverse Universe

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



90, 20.143, 335.462



88, 24.633, 335.722



90, 15.101, 4.760



50, 7.327, 335.011



42, 74.198, 345.123



11, 34.962, 342.505

Previews

White Background



This preview shows how the CIE LCh color 97, 20.819, 152.822 looks on a white background.

Color Contrast Check

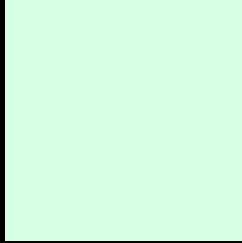
Large Text (above 18pt) WCAG AA × Fail

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, 20.819, 152.822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

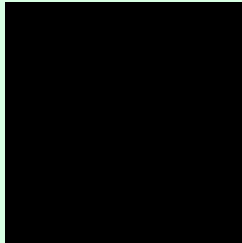
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

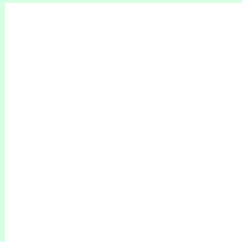
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 20.819, 152.822

Background



This preview shows how black text looks on a background with the CIELCh color 97, 20.819, 152.822.

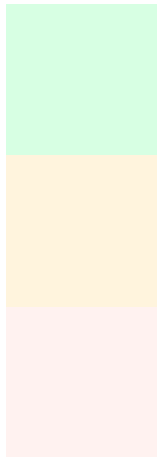


This preview shows how white text looks on a background with the CIELCh color 97, 20.819, 152.822.

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, 20.198, 153.142

Protanopia
96, 12.392, 90.205

Deuteranopia
96, 4.746, 31.977

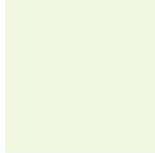


Tritanopia
97, 5.514, 247.375

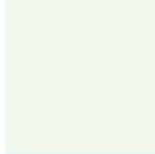
Trichromacy



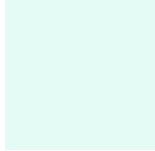
Original Color
97, 20.198, 153.142



Protanomaly
96, 13.003, 120.453



Deuteranomaly
97, 6.502, 128.877

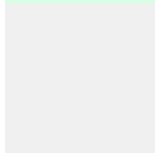


Tritanomaly
97, 8.073, 180.464

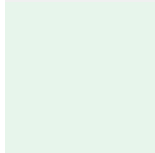
Monochromacy



Original Color
97, 20.198, 153.142



Achromatopsia
95, 0.011, 296.813



Achromatomaly
95, 7.162, 153.379

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 20.819, 152.822 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(215, 255, 227)` looks like.

```
.text, #text, p{  
    color:rgb(215, 255, 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(215, 255, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 255, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 20.819, 152.822 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(215, 255, 227) }
```

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

```
.border{ border-color:rgb(215, 255, 227) }
```

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

Here you see how a box with a 4 pixel rgb(215, 255, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 255, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 255, 227);  
box-shadow:4px 4px 4px 4px rgb(215, 255,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 20.819, 152.822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 255, 227) }
```

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

```
.background{ background-color: rgb(215,  
255, 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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