

Converting Colors

CIELCh(100, 27.962, 142.386)

Have a look what the booklet for
CIELCh(100, 27.962, 142.386)
contains.

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Color

CIElCh(97, 20.852, 142.115)

Conversions

Conversions Part 1

Format	Color
Hex	DFFFDD
RGB	223, 255, 221
RGB Percent	87%, 100%, 87%
CMY	0.1254, 0.0000, 0.1333
CMYK	0.13, 0.00, 0.13, 0.00
HSL	116°, 100%, 93%
HSV	116°, 13%, 100%
XYZ	79.2531, 92.4403, 82.0819
YIQ	241.5560, -8.1580, -17.3580

Conversions

Conversions Part 2

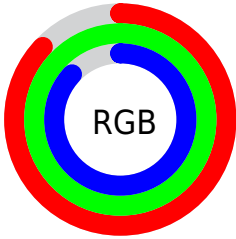
Format	Color
R _Y B	221, 255, 253
Decimal	14680029
CIE Lab	97.00, -16.46, 12.80
CIE LCh	97, 20.852, 142.115
Yxy	92.4403, 0.3123, 0.3643
Android (android.graphics.Color)	4292870109 (0xFFDFFFDD)
YUV	241.5560, -10.1341, -16.2736
Hunter-Lab	96.1459, -21.1176, 16.6849

Details

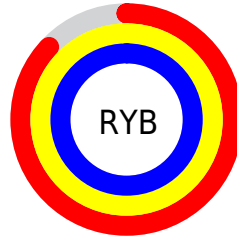
The CIELCh color **97, 20.852, 142.115** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **92, 20.896, 323.530**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 20.582, 141.850** is the 20% darker color. If you saturate the color by 10%, you get **95, 36.584, 141.428**, and if you desaturate by 10%, it is **99, 5.162, 142.741**.

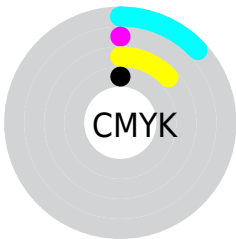
Distribution



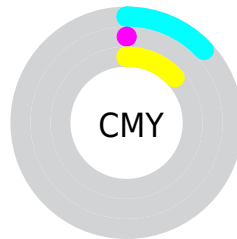
- Red (87%)
- Green (100%)
- Blue (87%)



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



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





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 20.852, 142.115 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, 20.852, 142.115 by changing the saturation by 10% instead.


 97, 20.852,
142.115


 97, 20.852,
142.115


 100, 20.852,
142.115


 87, 20.852,
142.115

 77, 20.852,
142.115

 67, 20.852,
142.115

 57, 20.852,
142.115

 47, 20.852,
142.115

 37, 20.852,
142.115

 27, 20.852,

142.115

■ 17, 20.852,
142.115

■ 7, 20.852, 142.115

■ 97, 20.852,
142.115

■ 97, 20.852,
142.115

■ 95, 36.584,
141.428

■ 99, 5.162, 142.741

■ 93, 52.155,
140.639

100, 0.012,
296.813

■ 92, 67.241,
139.752

■ 90, 81.434,
138.790

■ 89, 94.213,
137.809

■ 89, 104.954,
136.913

■ 88, 112.988,
136.241

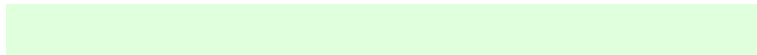
■ 88, 117.839,
135.916

■ 88, 119.497,
135.845

Harmonies

Complementary

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



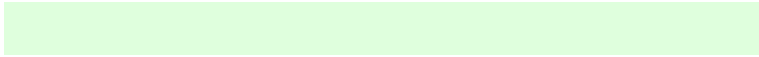
97, 20.852, 142.115



92, 20.896, 323.530

Rectangle

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



97, 20.852, 142.115



97, 20.852, 192.115



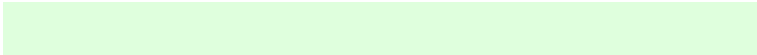
97, 20.852, 322.115



97, 20.852, 12.115

Sweetspot

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



97, 20.842, 142.115



99, 6.212, 142.695



99, 16.086, 105.990



53, 4.418, 142.646



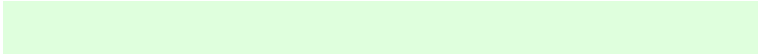
0, 0.000, 0.000



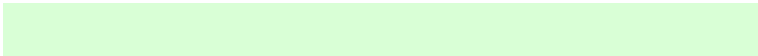
53, 0.007, 296.813

Same Dimension

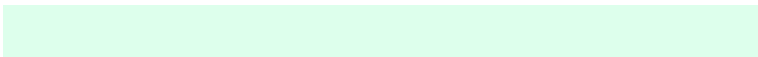
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 20.842, 142.115



96, 25.052, 141.941



97, 15.520, 159.167



52, 8.871, 142.355



68, 96.164, 135.782



23, 43.345, 135.965

Inverse Universe

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



92, 20.896, 323.530



90, 25.120, 323.670



91, 15.717, 341.269



50, 8.894, 323.327



43, 93.386, 325.924



11, 42.941, 326.198

Previews

White Background



This preview shows how the CIE LCh color 97, 20.852, 142.115 looks on a white background.

Color Contrast Check

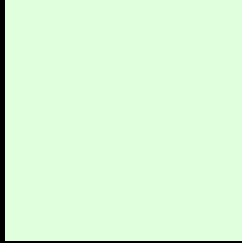
Large Text (above 18pt) WCAG AA × Fail

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, 20.852, 142.115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

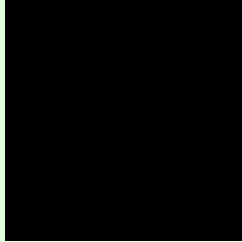
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

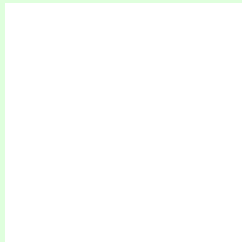
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 20.852, 142.115

Background



This preview shows how black text looks on a background with the CIELCh color 97, 20.852, 142.115.

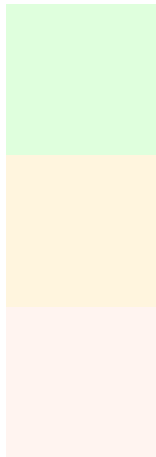


This preview shows how white text looks on a background with the CIELCh color 97, 20.852, 142.115.

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, 20.852, 142.115

Protanopia
97, 12.268, 91.846

Deuteranopia
97, 4.410, 47.004

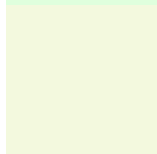


Tritanopia
97, 4.715, 259.792

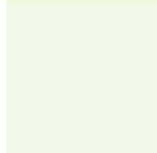
Trichromacy



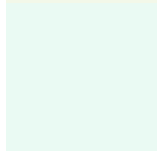
Original Color
97, 20.852, 142.115



Protanomaly
97, 13.924, 118.138



Deuteranomaly
97, 7.864, 122.731

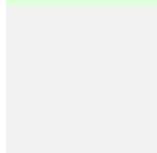


Tritanomaly
97, 6.676, 166.681

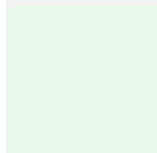
Monochromacy



Original Color
97, 20.852, 142.115



Achromatopsia
95, 0.011, 296.813



Achromatomaly
96, 7.930, 142.121

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 20.852, 142.115 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, 221)` looks like.

```
.text, #text, p{  
    color:rgb(223, 255, 221)  
}
```

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, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 255, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 20.852, 142.115 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, 221) }
```

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

```
.border{ border-color:rgb(223, 255, 221) }
```

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, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 255, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 255, 221);  
box-shadow:4px 4px 4px 4px rgb(223, 255,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 20.852, 142.115 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, 221) }
```

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

```
.background{ background-color: rgb(223,  
255, 221) }
```

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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