

Converting Colors

CIELCh(97, 12.112, 191.843)

Have a look what the booklet for
CIELCh(97, 12.112, 191.843)
contains.

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Color

CIElCh(97, 12.330, 191.501)

Conversions

Conversions Part 1

Format	Color
Hex	DAFEFB
RGB	218, 254, 251
RGB Percent	85%, 100%, 98%
CMY	0.1465, 0.0054, 0.0171
CMYK	0.14, 0.00, 0.01, 0.01
HSL	175°, 93%, 92%
HSV	175°, 14%, 99%
XYZ	81.4840, 92.4403, 104.5103
YIQ	242.8940, -20.4930, -8.5650

Conversions

Conversions Part 2

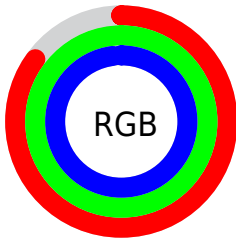
Format	Color
R _{YB}	218, 237, 254
Decimal	14352123
CIE Lab	97.00, -12.08, -2.46
CIE LCh	97, 12.330, 191.501
Yxy	92.4403, 0.2927, 0.3320
Android (android.graphics.Color)	4292542203 (0xFFDAFEFB)
YUV	242.8940, 3.9963, -21.8320
Hunter-Lab	96.1459, -16.9759, 2.8541

Details

The CIELCh color **97, 12.330, 191.501** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **90, 13.325, 13.674**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 12.050, 193.388** is the 20% darker color. If you saturate the color by 10%, you get **95, 20.472, 190.722**, and if you desaturate by 10%, it is **99, 3.716, 192.362**.

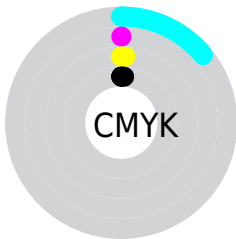
Distribution



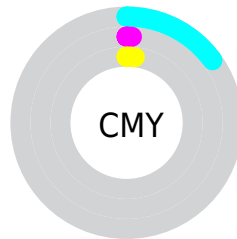
- Red (85%)
- Green (100%)
- Blue (98%)



- Red (85%)
- Yellow (93%)
- Blue (100%)



- Cyan (14%)
- Magenta (0%)
- Yellow (1%)
- Black (1%)





- Cyan (15%)
- Magenta (1%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 12.330, 191.501 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, 12.330, 191.501 by changing the saturation by 10% instead.


 97, 12.330,
191.501


 97, 12.330,
191.501


 100, 12.330,
191.501


 87, 12.330,
191.501

 77, 12.330,
191.501

 67, 12.330,
191.501

 57, 12.330,
191.501

 47, 12.330,
191.501

 37, 12.330,
191.501

 27, 12.330,

191.501

■ 17, 12.330,
191.501

■ 7, 12.330, 191.501

■ 97, 12.330,
191.501

■ 97, 12.330,
191.501

■ 95, 20.472,
190.722

■ 99, 3.716, 192.362

■ 94, 27.990,
189.958

100, 0.800,
326.870

■ 93, 34.735,
189.188

100, 0.856,
324.110

■ 92, 40.565,
188.403

■ 91, 45.368,
187.590

■ 91, 49.080,
186.733

■ 90, 51.701,
185.816

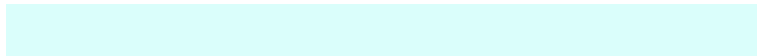
■ 90, 53.318,
184.821

■ 90, 53.927,
184.215

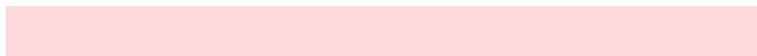
Harmonies

Complementary

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



97, 12.330, 191.501



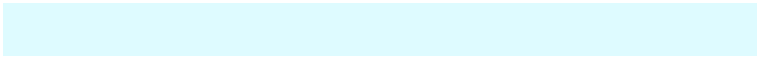
90, 13.325, 13.674

Rectangle

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



97, 12.330, 191.501



97, 12.330, 241.501



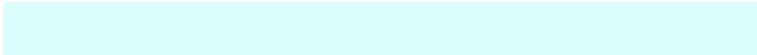
97, 12.330, 11.501



97, 12.330, 61.501

Sweetspot

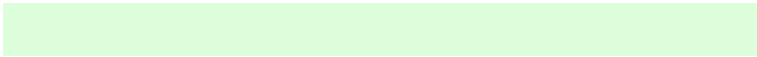
The Sweet Spot groups the original color and five complimentary colors.



97, 12.331, 191.493



99, 3.563, 192.384



96, 21.816, 140.958



53, 2.529, 192.299



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

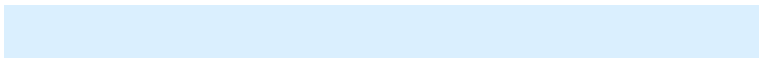
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 12.331, 191.493



97, 14.735, 191.274



93, 10.259, 245.621



52, 5.013, 191.868



70, 43.545, 184.404



24, 19.821, 185.748

Inverse Universe

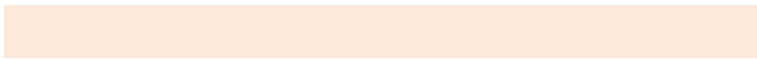
The Inverse Universe completely reimagines the original color for something new.



90, 13.325, 13.674



88, 16.184, 13.967



93, 10.889, 62.396



50, 5.276, 13.209



40, 80.745, 36.754



10, 32.717, 23.802

Previews

White Background



This preview shows how the CIE LCh color 97, 12.330, 191.501 looks on a white background.

Color Contrast Check

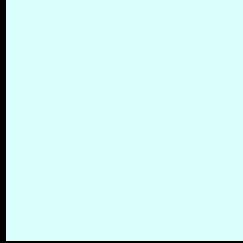
Large Text (above 18pt) WCAG AA × Fail

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 97, 12.330, 191.501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

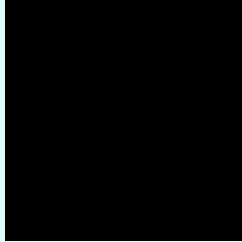
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

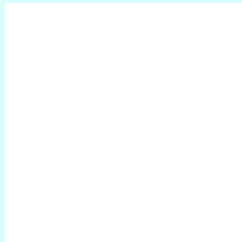
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 12.330, 191.501

Background



This preview shows how black text looks on a background with the CIELCh color 97, 12.330, 191.501.

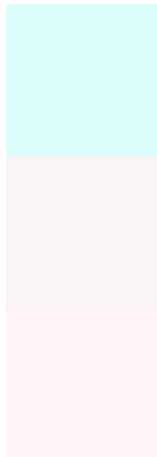


This preview shows how white text looks on a background with the CIELCh color 97, 12.330, 191.501.

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, 12.330, 191.501

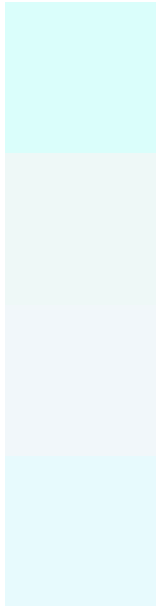
Protanopia
97, 1.766, 19.158

Deuteranopia
97, 5.253, 343.947



Tritanopia
97, 4.917, 246.167

Trichromacy



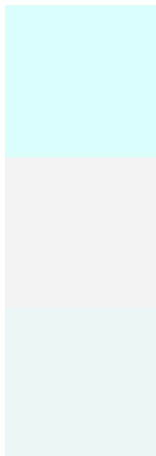
Original Color
97, 12.330, 191.501

Protanomaly
97, 3.525, 191.014

Deuteranomaly
97, 2.572, 236.221

Tritanomaly
97, 6.652, 212.462

Monochromacy



Original Color
97, 12.330, 191.501

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 4.552, 192.786

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 12.330, 191.501 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(218, 254, 251)` looks like.

```
.text, #text, p{  
    color:rgb(218, 254, 251)  
}
```

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(218, 254, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 254, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 12.330, 191.501 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(218, 254, 251) }
```

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

```
.border{ border-color:rgb(218, 254, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 254, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 254, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 254, 251);  
box-shadow:4px 4px 4px 4px rgb(218, 254,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 12.330, 191.501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 254, 251) }
```

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

```
.background{ background-color: rgb(218,  
254, 251) }
```

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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