

Converting Colors

CIELCh(100, 18.717, 166.993)

Have a look what the booklet for
CIELCh(100, 18.717, 166.993)
contains.

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Color

CIElCh(97, 13.238, 178.240)

Conversions

Conversions Part 1

Format	Color
Hex	DAFEF5
RGB	218, 254, 245
RGB Percent	85%, 100%, 96%
CMY	0.1448, 0.0036, 0.0389
CMYK	0.14, 0.00, 0.04, 0.00
HSL	165°, 95%, 93%
HSV	165°, 14%, 100%
XYZ	80.8939, 92.4403, 100.0230
YIQ	242.2100, -18.5670, -10.4310

Conversions

Conversions Part 2

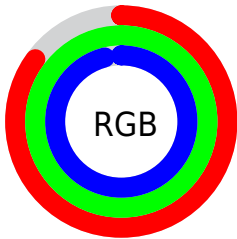
Format	Color
R _Y B	218, 239, 254
Decimal	14352117
CIE Lab	97.00, -13.23, 0.41
CIE LCh	97, 13.238, 178.240
Yxy	92.4403, 0.2959, 0.3382
Android (android.graphics.Color)	4292542197 (0xFFDAFEF5)
YUV	242.2100, 1.3755, -21.2322
Hunter-Lab	96.1459, -18.0714, 5.6213

Details

The CIELCh color **97, 13.238, 178.240** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **90, 13.899, 0.887**, 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, 12.966, 179.042** is the 20% darker color. If you saturate the color by 10%, you get **95, 22.250, 177.207**, and if you desaturate by 10%, it is **99, 3.928, 179.287**.

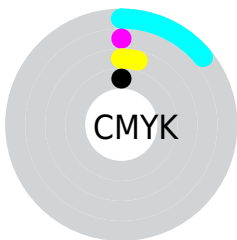
Distribution



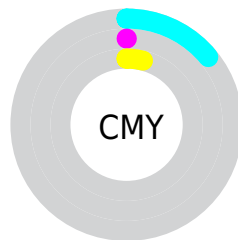
- Red (85%)
- Green (100%)
- Blue (96%)



- Red (85%)
- Yellow (94%)
- Blue (100%)



- Cyan (14%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)





- Cyan (14%)
- Magenta (0%)
- Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 13.238, 178.240 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, 13.238, 178.240 by changing the saturation by 10% instead.


 97, 13.238,
178.240


 97, 13.238,
178.240


 100, 13.238,
178.240


 87, 13.238,
178.240


 77, 13.238,
178.240

 67, 13.238,
178.240

 57, 13.238,
178.240

 47, 13.238,
178.240

 37, 13.238,
178.240

 27, 13.238,

178.240

■ 17, 13.238,
178.240

■ 7, 13.238, 178.240

■ 97, 13.238,
178.240

■ 97, 13.238,
178.240

■ 95, 22.250,
177.207

■ 99, 3.928, 179.287

■ 94, 30.809,
176.115

100, 0.587,
323.935

■ 93, 38.755,
174.933

■ 92, 45.927,
173.637

■ 91, 52.189,
172.203

■ 90, 57.446,
170.606

■ 90, 61.671,
168.823

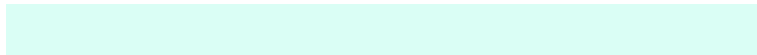
■ 89, 64.932,
166.848

■ 89, 66.519,
165.639

Harmonies

Complementary

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



97, 13.238, 178.240



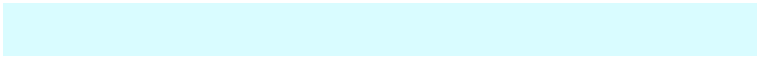
90, 13.899, 0.887

Rectangle

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



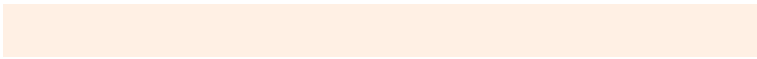
97, 13.238, 178.240



97, 13.238, 228.240



97, 13.238, 358.240



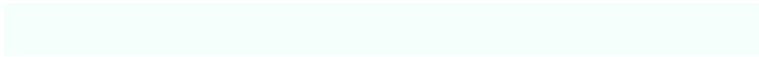
97, 13.238, 48.240

Sweetspot

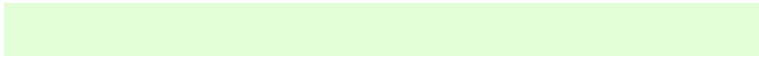
The Sweet Spot groups the original color and five complimentary colors.



97, 13.240, 178.234



99, 3.786, 179.308



97, 20.703, 136.145



53, 2.690, 179.214



0, 0.000, 0.000



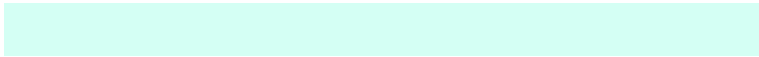
53, 0.007, 296.813

Same Dimension

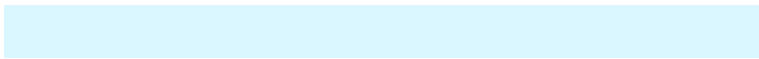
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 13.240, 178.234



97, 15.880, 177.947



95, 10.144, 224.164



52, 5.358, 178.703



69, 53.430, 166.022



23, 23.649, 168.821

Inverse Universe

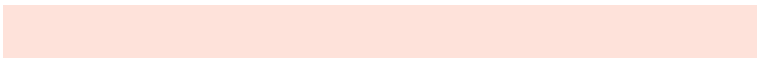
The Inverse Universe completely reimagines the original color for something new.



90, 13.899, 0.887



89, 16.840, 1.216



92, 11.084, 42.884



50, 5.536, 0.369



40, 72.624, 25.621



10, 31.700, 15.988

Previews

White Background



This preview shows how the CIE LCh color 97, 13.238, 178.240 looks on a white background.

Color Contrast Check

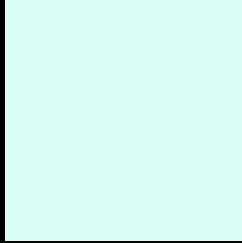
Large Text (above 18pt) WCAG AA × Fail

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, 13.238, 178.240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

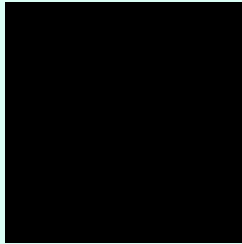
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

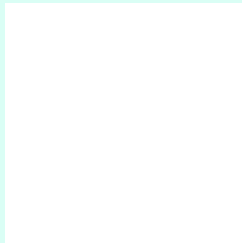
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 13.238, 178.240

Background



This preview shows how black text looks on a background with the CIELCh color 97, 13.238, 178.240.

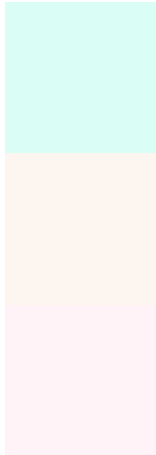


This preview shows how white text looks on a background with the CIELCh color 97, 13.238, 178.240.

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, 13.247, 178.235

Protanopia
97, 3.546, 65.245

Deuteranopia
97, 4.729, 354.009

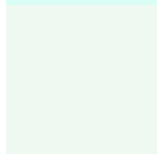


Tritanopia
97, 4.917, 246.167

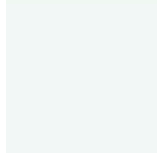
Trichromacy



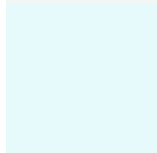
Original Color
97, 13.247, 178.235



Protanomaly
97, 4.180, 152.220



Deuteranomaly
97, 1.826, 183.398

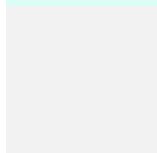


Tritanomaly
97, 6.536, 203.587

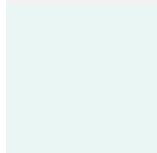
Monochromacy



Original Color
97, 13.247, 178.235



Achromatopsia
95, 0.011, 296.813



Achromatomaly
96, 4.809, 180.576

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 13.238, 178.240 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, 245)` looks like.

```
.text, #text, p{  
    color:rgb(218, 254, 245)  
}
```

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, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 254, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 13.238, 178.240 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, 245) }
```

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

```
.border{ border-color:rgb(218, 254, 245) }
```

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, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 254, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 254, 245);  
box-shadow:4px 4px 4px 4px rgb(218, 254,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 13.238, 178.240 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, 245) }
```

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

```
.background{ background-color: rgb(218,  
254, 245) }
```

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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