

Converting Colors

CIELCh(93, 13.091, 211.850)

Have a look what the booklet for
CIELCh(93, 13.091, 211.850)
contains.

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Color

CIElCh(93, 13.011, 212.486)

Conversions

Conversions Part 1

Format	Color
Hex	CCF2F8
RGB	204, 242, 248
RGB Percent	80%, 95%, 97%
CMY	0.2007, 0.0517, 0.0282
CMYK	0.18, 0.02, 0.00, 0.03
HSL	188°, 75%, 89%
HSV	188°, 18%, 97%
XYZ	73.4595, 82.9670, 100.7938
YIQ	231.3220, -24.5740, -6.1900

Conversions

Conversions Part 2

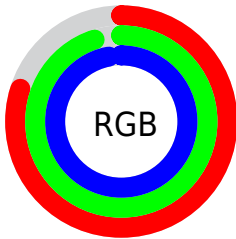
Format	Color
RYB	204, 224, 248
Decimal	13431544
CIELab	93.00, -10.98, -6.99
CIELCh	93, 13.011, 212.486
Yxy	82.9670, 0.2856, 0.3226
Android (android.graphics.Color)	4291621624 (0xFFCCCF2F8)
YUV	231.3220, 8.2223, -23.9614
Hunter-Lab	91.0862, -15.4438, -1.8485

Details

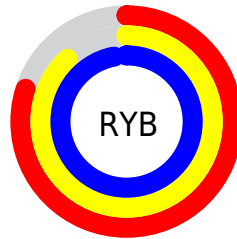
The CIELCh color **93, 13.011, 212.486** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **87, 14.676, 32.609**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 13.124, 212.923** is the 20% darker color. If you saturate the color by 10%, you get **91, 19.646, 212.670**, and if you desaturate by 10%, it is **95, 5.847, 212.464**.

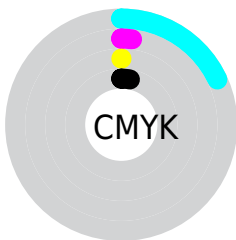
Distribution



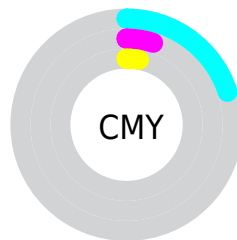
- Red (80%)
- Green (95%)
- Blue (97%)



- Red (80%)
- Yellow (88%)
- Blue (97%)



- Cyan (18%)
- Magenta (2%)
- Yellow (0%)
- Black (3%)





- Cyan (20%)
- Magenta (5%)
- Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 13.011, 212.486 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 93, 13.011, 212.486 by changing the saturation by 10% instead.


 93, 13.011,
212.486


 93, 13.011,
212.486


 100, 13.011,
212.486


 83, 13.011,
212.486

 73, 13.011,
212.486

 63, 13.011,
212.486

 53, 13.011,
212.486

 43, 13.011,
212.486

 33, 13.011,
212.486

 23, 13.011,

212.486

■ 13, 13.011,
212.486

■ 3, 13.011, 212.486

■ 93, 13.011,
212.486

■ 93, 13.011,
212.486

■ 91, 19.646,
212.670

■ 95, 5.847, 212.464

■ 89, 25.628,
213.043

■ 98, 1.732, 32.007

■ 99, 2.342, 82.594

■ 87, 30.831,
213.632

■ 100, 3.635,
109.885

■ 85, 35.142,
214.485

■ 83, 38.478,
215.659

■ 82, 40.806,
217.213

■ 80, 42.164,
219.205

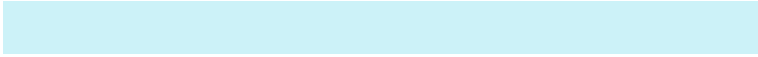
■ 79, 42.698,
221.665

■ 79, 42.768,
222.252

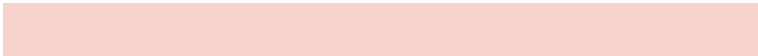
Harmonies

Complementary

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



93, 13.011, 212.486



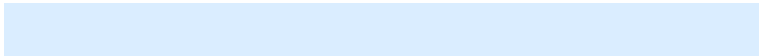
87, 14.676, 32.609

Rectangle

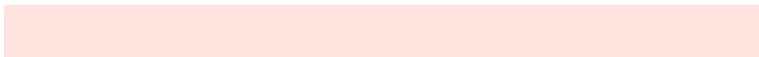
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



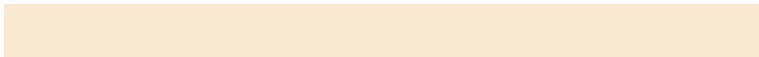
93, 13.011, 212.486



93, 13.011, 262.486



93, 13.011, 32.486



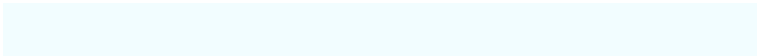
93, 13.011, 82.486

Sweetspot

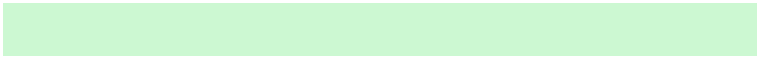
The Sweet Spot groups the original color and five complimentary colors.



93, 13.011, 212.478



99, 3.886, 212.523



94, 25.252, 147.126



52, 2.647, 212.501



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



93, 13.011, 212.478



95, 15.585, 212.523



87, 15.399, 270.924



51, 4.296, 212.449



62, 34.878, 221.763



20, 15.902, 218.142

Inverse Universe

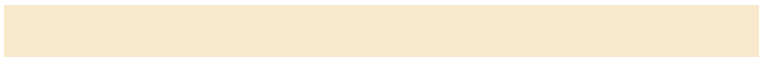
The Inverse Universe completely reimagines the original color for something new.



87, 25.257, 329.456



87, 30.599, 329.660



92, 15.569, 86.066



49, 8.110, 328.942



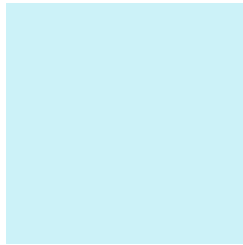
43, 82.817, 334.533



11, 37.974, 333.632

Previews

White Background



This preview shows how the CIE LCh color 93, 13.011, 212.486 looks on a white background.

Color Contrast Check

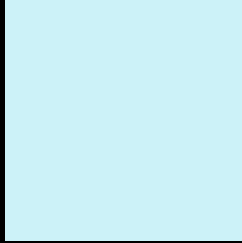
Large Text (above 18pt) WCAG AA × Fail

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 93, 13.011, 212.486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

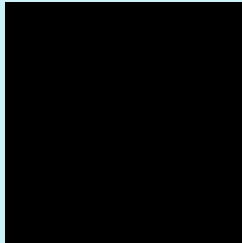
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 13.011, 212.486

Background



This preview shows how black text looks on a background with the CIELCh color 93, 13.011, 212.486.

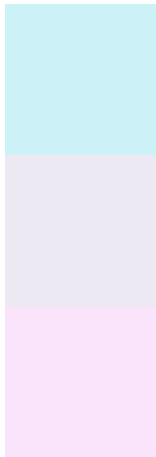


This preview shows how white text looks on a background with the CIELCh color 93, 13.011, 212.486.

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

93, 13.011, 212.486

Protanopia

93, 5.292, 302.029

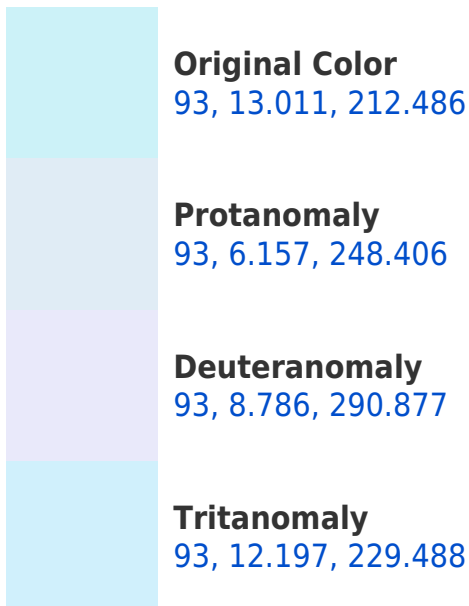
Deuteranopia

93, 14.215, 323.736



Tritanopia
93, 12.283, 241.395

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 13.011, 212.486 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(204, 242, 248)` looks like.

```
.text, #text, p{  
    color:rgb(204, 242, 248)  
}
```

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(204, 242, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 242, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 13.011, 212.486 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(204, 242, 248) }
```

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

```
.border{ border-color:rgb(204, 242, 248) }
```

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

Here you see how a box with a 4 pixel rgb(204, 242, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 242, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 242, 248);  
box-shadow:4px 4px 4px 4px rgb(204, 242,  
248) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 13.011, 212.486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 242, 248) }
```

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

```
.background{ background-color: rgb(204,  
242, 248) }
```

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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