

Converting Colors

CIELCh(93, 13.047, 177.681)

Have a look what the booklet for
CIELCh(93, 13.047, 177.681)
contains.

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Color

CIELCh(93, 13.046, 177.686)

Conversions

Conversions Part 1

Format	Color
Hex	CFF2E9
RGB	207, 242, 233
RGB Percent	81%, 95%, 91%
CMY	0.1867, 0.0494, 0.0847
CMYK	0.14, 0.00, 0.04, 0.05
HSL	165°, 58%, 88%
HSV	165°, 14%, 95%
XYZ	72.4744, 82.9670, 89.5795
YIQ	230.5090, -17.9710, -10.2190

Conversions

Conversions Part 2

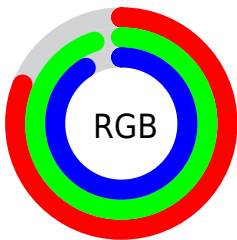
Format	Color
R _Y B	207, 227, 242
Decimal	13628137
CIE Lab	93.00, -13.04, 0.53
CIE LCh	93, 13.046, 177.686
Yxy	82.9670, 0.2958, 0.3386
Android (android.graphics.Color)	4291818217 (0xFFCFF2E9)
YUV	230.5090, 1.2281, -20.6174
Hunter-Lab	91.0862, -17.3742, 5.4511

Details

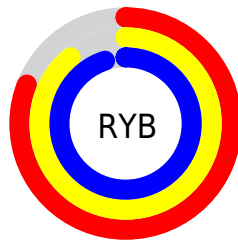
The CIELCh color **93, 13.046, 177.686** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **86, 13.693, 0.391**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 13.313, 176.779** is the 20% darker color. If you saturate the color by 10%, you get **91, 21.758, 176.651**, and if you desaturate by 10%, it is **95, 4.051, 178.726**.

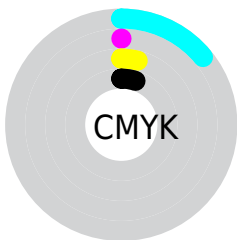
Distribution



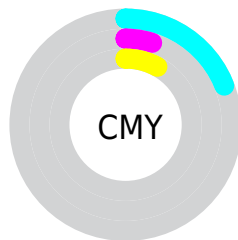
- Red (81%)
- Green (95%)
- Blue (91%)



- Red (81%)
- Yellow (89%)
- Blue (95%)



- Cyan (14%)
- Magenta (0%)
- Yellow (4%)
- Black (5%)




- Cyan (19%)
- Magenta (5%)
- Yellow (8%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 13.046, 177.686 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, 13.046, 177.686 by changing the saturation by 10% instead.

 93, 13.046,
177.686

 93, 13.046,
177.686

 100, 13.046,
177.686


 83, 13.046,
177.686


 73, 13.046,
177.686

 63, 13.046,
177.686

 53, 13.046,
177.686

 43, 13.046,
177.686

 33, 13.046,
177.686

 23, 13.046,

177.686

■ 13, 13.046,
177.686

■ 3, 13.046, 177.686

■ 93, 13.046,
177.686

■ 93, 13.046,
177.686

■ 91, 21.758,
176.651

■ 95, 4.051, 178.726

■ 90, 30.038,
175.553

■ 97, 4.817, 358.060

■ 97, 6.684, 331.861

■ 89, 37.732,
174.363

■ 97, 7.850, 324.675

■ 88, 44.688,
173.057

■ 87, 50.772,
171.610

■ 86, 55.893,
169.998

■ 86, 60.026,
168.198

■ 86, 63.236,
166.205

■ 86, 64.745,
165.049

Harmonies

Complementary

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



93, 13.046, 177.686



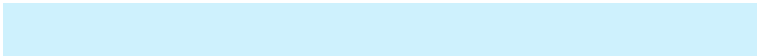
86, 13.693, 0.391

Rectangle

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



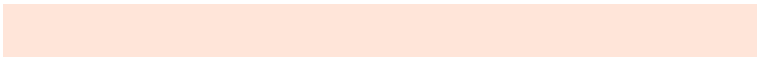
93, 13.046, 177.686



93, 13.046, 227.686



93, 13.046, 357.686



93, 13.046, 47.686

Sweetspot

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



93, 13.048, 177.680



99, 3.800, 178.781



93, 20.327, 136.132



53, 2.699, 178.687



0, 0.000, 0.000



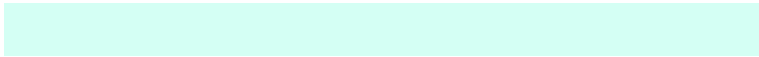
53, 0.007, 296.813

Same Dimension

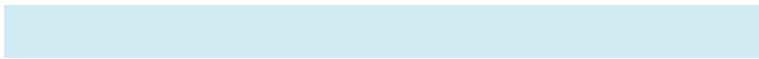
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 13.048, 177.680



97, 15.947, 177.417



91, 9.952, 224.178



50, 5.202, 178.180



67, 52.821, 165.422



21, 22.482, 168.546

Inverse Universe

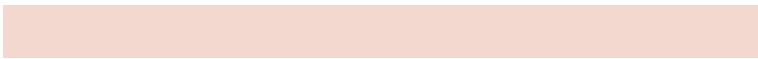
The Inverse Universe completely reimagines the original color for something new.



86, 13.693, 0.391



89, 16.887, 0.692



88, 10.893, 42.879



48, 5.370, 359.841



39, 70.819, 24.895



9, 29.793, 13.776

Previews

White Background



This preview shows how the CIE LCh color 93, 13.046, 177.686 looks on a white background.

Color Contrast Check

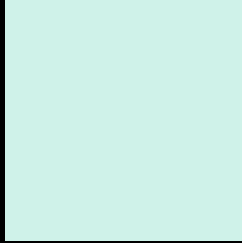
Large Text (above 18pt) WCAG AA × Fail

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, 13.046, 177.686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

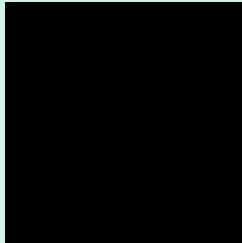
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

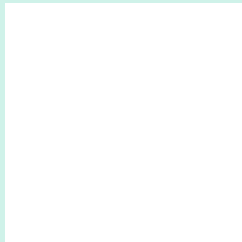
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 13.046, 177.686

Background



This preview shows how black text looks on a background with the CIELCh color 93, 13.046, 177.686.

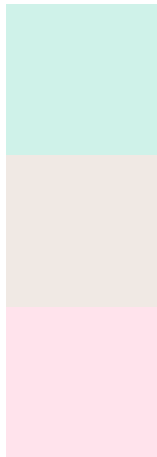


This preview shows how white text looks on a background with the CIELCh color 93, 13.046, 177.686.

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, 13.046, 177.686

Protanopia

93, 3.582, 65.228

Deuteranopia

93, 11.095, 355.502

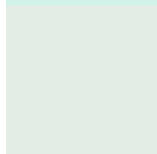


Tritanopia
93, 11.517, 248.915

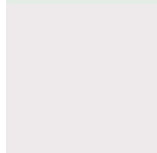
Trichromacy



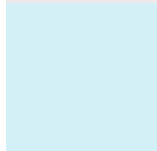
Original Color
93, 13.046, 177.686



Protanomaly
93, 4.221, 152.205



Deuteranomaly
93, 2.071, 349.358

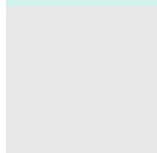


Tritanomaly
93, 10.062, 219.997

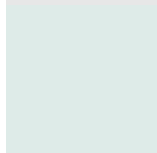
Monochromacy



Original Color
93, 13.046, 177.686



Achromatopsia
92, 0.011, 296.813



Achromatomaly
92, 4.850, 180.550

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 13.046, 177.686 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(207, 242, 233)` looks like.

```
.text, #text, p{  
    color:rgb(207, 242, 233)  
}
```

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(207, 242, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 242, 233) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 13.046, 177.686 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(207, 242, 233) }
```

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

```
.border{ border-color:rgb(207, 242, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 242, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 242, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 242, 233);  
box-shadow:4px 4px 4px 4px rgb(207, 242,  
233) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 13.046, 177.686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 242, 233) }
```

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

```
.background{ background-color: rgb(207,  
242, 233) }
```

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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