

Converting Colors

CIE LCh(93, 9.202, 175.740)

Have a look what the booklet for
CIELCh(93, 9.202, 175.740) contains.

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Color

CIELCh(93, 9.180, 175.670)

Conversions

Conversions Part 1

Format	Color
Hex	D8F0E9
RGB	216, 240, 233
RGB Percent	85%, 94%, 91%
CMY	0.1521, 0.0580, 0.0855
CMYK	0.10, 0.00, 0.03, 0.06
HSL	162°, 45%, 89%
HSV	162°, 10%, 94%
XYZ	74.3377, 82.9670, 89.3412
YIQ	232.0260, -12.0570, -7.2650

Conversions

Conversions Part 2

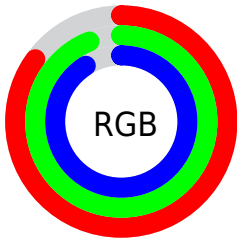
Format	Color
R _Y B	216, 230, 240
Decimal	14217449
CIE Lab	93.00, -9.15, 0.69
CIE LCh	93, 9.180, 175.670
Yxy	82.9670, 0.3014, 0.3364
Android (android.graphics.Color)	4292407529 (0xFFD8F0E9)
YUV	232.0260, 0.4802, -14.0548
Hunter-Lab	91.0862, -13.7228, 5.6063

Details

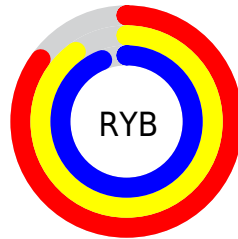
The CIELCh color **93, 9.180, 175.670** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **89, 9.459, 357.437**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 9.300, 174.556** is the 20% darker color. If you saturate the color by 10%, you get **91, 18.181, 174.639**, and if you desaturate by 10%, it is **95, 0.015, 316.431**.

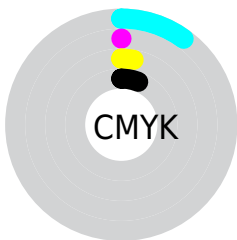
Distribution



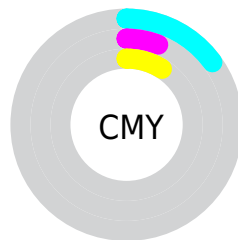
- Red (85%)
- Green (94%)
- Blue (91%)



- Red (85%)
- Yellow (90%)
- Blue (94%)



- Cyan (10%)
- Magenta (0%)
- Yellow (3%)
- Black (6%)



- Cyan (15%)
- Magenta (6%)
- Yellow (9%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 9.180, 175.670 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, 9.180, 175.670 by changing the saturation by 10% instead.

 93, 9.180, 175.670

 93, 9.180, 175.670

 100, 9.180,
175.670

 83, 9.180, 175.670

 73, 9.180, 175.670

 63, 9.180, 175.670

 53, 9.180, 175.670

 43, 9.180, 175.670

 33, 9.180, 175.670

 23, 9.180, 175.670

 13, 9.180, 175.670

 3, 9.180, 175.670

93, 9.180, 175.670

93, 9.180, 175.670

91, 18.181,
174.639

95, 0.015, 316.431

90, 26.850,
173.556

96, 6.370, 345.475

89, 35.038,
172.381

96, 8.899, 326.149

96, 9.218, 324.729


87, 42.588,
171.089

87, 49.351,
169.657

86, 55.210,
168.057

85, 60.103,
166.268

85, 64.047,
164.276

 85, 67.225,
162.127

Harmonies

Complementary

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



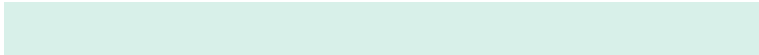
93, 9.180, 175.670



89, 9.459, 357.437

Rectangle

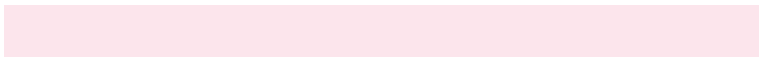
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



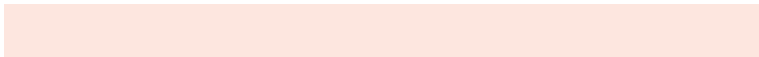
93, 9.180, 175.670



93, 9.180, 225.670



93, 9.180, 355.670



93, 9.180, 45.670

Sweetspot

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



93, 9.182, 175.662



99, 2.903, 176.455



93, 13.801, 135.315



53, 2.200, 176.340



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, 9.182, 175.662



98, 11.553, 175.455



92, 7.017, 219.856



49, 5.213, 175.715



66, 54.614, 162.525



20, 22.642, 165.975

Inverse Universe

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



89, 9.459, 357.437



92, 11.973, 357.660



90, 7.472, 39.209



47, 5.363, 357.380



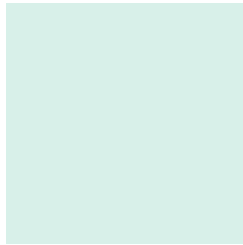
39, 68.778, 21.821



8, 28.791, 10.788

Previews

White Background



This preview shows how the CIELCh color 93, 9.180, 175.670 looks on a white background.

Color Contrast Check

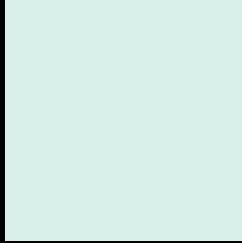
Large Text (above 18pt) WCAG AA × Fail

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 93, 9.180, 175.670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

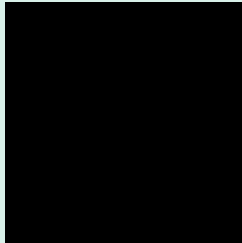
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

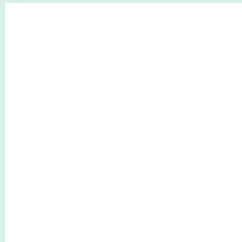
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 9.180, 175.670

Background



This preview shows how black text looks on a background with the CIELCh color 93, 9.180, 175.670.

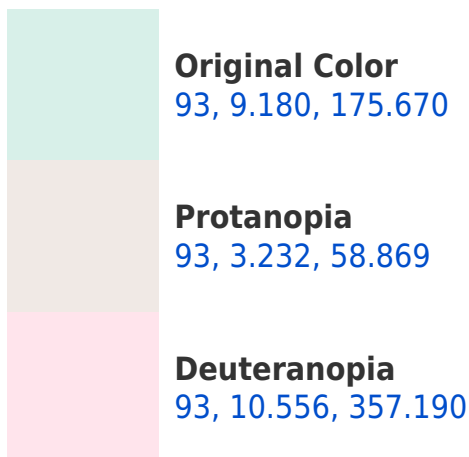


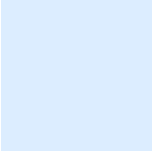
This preview shows how white text looks on a background with the CIELCh color 93, 9.180, 175.670.

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](#).

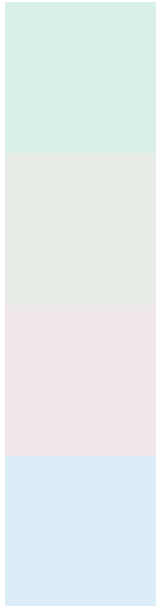
Dichromacy





Tritanopia
93, 10.790, 258.881

Trichromacy



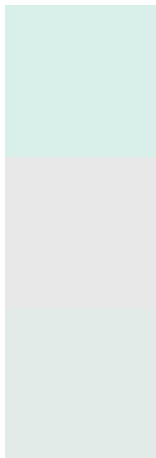
Original Color
93, 9.180, 175.670

Protanomaly
93, 3.140, 144.417

Deuteranomaly
93, 3.579, 353.885

Tritanomaly
93, 7.890, 235.275

Monochromacy



Original Color
93, 9.180, 175.670

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 3.552, 173.492

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 9.180, 175.670 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(216, 240, 233)` looks like.

```
.text, #text, p{  
    color:rgb(216, 240, 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(216, 240, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 240, 233) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 9.180, 175.670 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(216, 240, 233) }
```

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

```
.border{ border-color:rgb(216, 240, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 240, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 240, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 240, 233);  
box-shadow:4px 4px 4px 4px rgb(216, 240,  
233) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 9.180, 175.670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 240, 233) }
```

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

```
.background{ background-color: rgb(216,  
240, 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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