

Converting Colors

CIELCh(93, 8.520, 178.269)

Have a look what the booklet for
CIELCh(93, 8.520, 178.269) contains.

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Color

CIELCh(93, 8.649, 177.908)

Conversions

Conversions Part 1

Format	Color
Hex	D9F0EA
RGB	217, 240, 234
RGB Percent	85%, 94%, 92%
CMY	0.1492, 0.0590, 0.0826
CMYK	0.10, 0.00, 0.03, 0.06
HSL	164°, 43%, 90%
HSV	164°, 10%, 94%
XYZ	74.5851, 82.9670, 89.8825
YIQ	232.4390, -11.7820, -6.7420

Conversions

Conversions Part 2

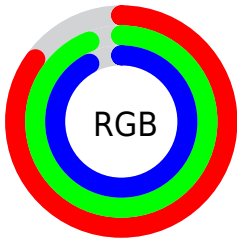
Format	Color
R _Y B	217, 230, 240
Decimal	14282986
CIE Lab	93.00, -8.64, 0.32
CIE LCh	93, 8.649, 177.908
Yxy	82.9670, 0.3014, 0.3353
Android (android.graphics.Color)	4292473066 (0xFFD9F0EA)
YUV	232.4390, 0.7696, -13.5400
Hunter-Lab	91.0862, -13.2379, 5.2539

Details

The CIELCh color **93, 8.649, 177.908** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **89, 8.929, 359.581**, 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, 8.735, 176.833** is the 20% darker color. If you saturate the color by 10%, you get **91, 17.466, 176.886**, and if you desaturate by 10%, it is **95, 0.382, 357.281**.

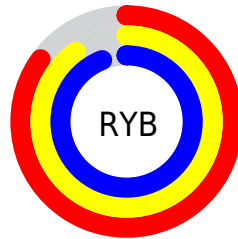
Distribution



Red (85%)

Green (94%)

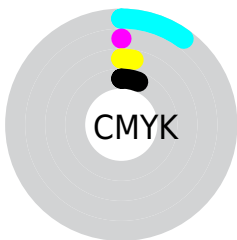
Blue (92%)



Red (85%)

Yellow (90%)

Blue (94%)

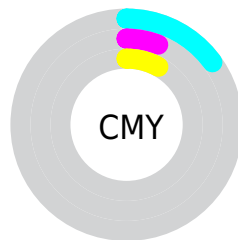


Cyan (10%)

Magenta (0%)

Yellow (3%)

Black (6%)



Cyan (15%)

Magenta (6%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 8.649, 177.908 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, 8.649, 177.908 by changing the saturation by 10% instead.

93, 8.649, 177.908

93, 8.649, 177.908

100, 8.649,
177.908

83, 8.649, 177.908

73, 8.649, 177.908

63, 8.649, 177.908

53, 8.649, 177.908

43, 8.649, 177.908

33, 8.649, 177.908

23, 8.649, 177.908

13, 8.649, 177.908

3, 8.649, 177.908

93, 8.649, 177.908

93, 8.649, 177.908

91, 17.466,
176.886

95, 0.382, 357.281

90, 25.930,
175.823

96, 6.313, 347.850

89, 33.893,
174.678

96, 8.454, 329.178

96, 9.383, 324.735

87, 41.199,
173.427

87, 47.704,
172.046

86, 53.294,
170.511

85, 57.909,
168.797

85, 61.566,
166.888

■ 85, 64.437,
164.817

Harmonies

Complementary

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



93, 8.649, 177.908



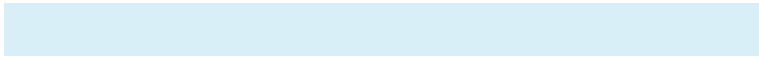
89, 8.929, 359.581

Rectangle

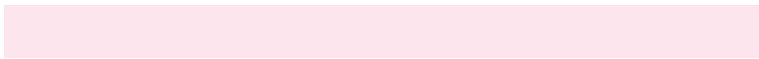
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



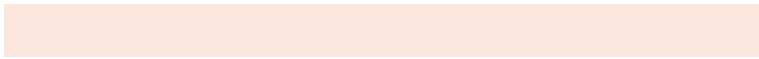
93, 8.649, 177.908



93, 8.649, 227.908



93, 8.649, 357.908



93, 8.649, 47.908

Sweetspot

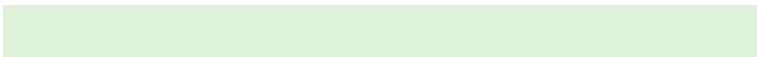
The Sweet Spot groups the original color and five complimentary colors.



93, 8.651, 177.899



99, 2.856, 178.653



93, 13.352, 136.372



53, 2.165, 178.536



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

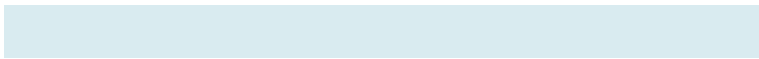
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 8.651, 177.899



98, 11.349, 177.652



92, 6.633, 223.931



49, 5.124, 177.911



66, 52.515, 165.117



20, 21.885, 168.424

Inverse Universe

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



89, 8.929, 359.581



92, 11.808, 359.851



90, 7.030, 42.990



47, 5.287, 359.569



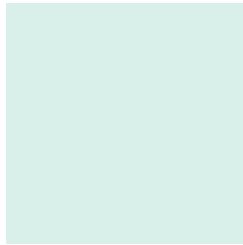
38, 69.918, 24.515



8, 28.847, 12.536

Previews

White Background



This preview shows how the CIELCh color 93, 8.649, 177.908 looks on a white background.

Color Contrast Check

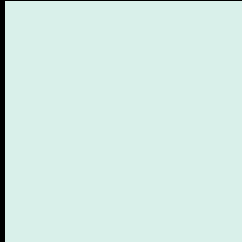
Large Text (above 18pt) WCAG AA × Fail

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, 8.649, 177.908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

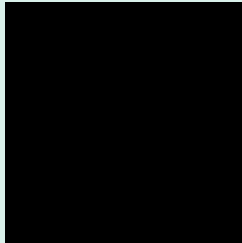
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

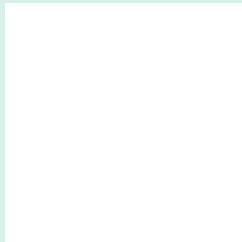
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 8.649, 177.908

Background



This preview shows how black text looks on a background with the CIELCh color 93, 8.649, 177.908.



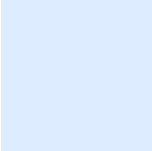
This preview shows how white text looks on a background with the CIELCh color 93, 8.649, 177.908.

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](#).

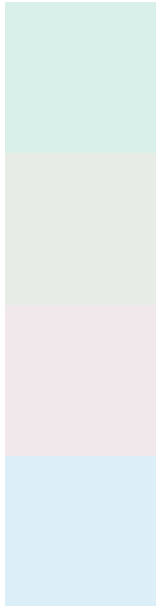
Dichromacy





Tritanopia
93, 10.626, 260.419

Trichromacy



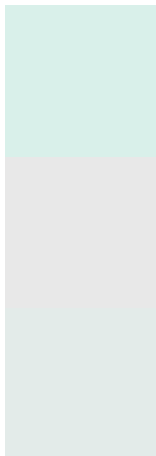
Original Color
93, 8.649, 177.908

Protanomaly
93, 2.949, 138.798

Deuteranomaly
93, 3.579, 353.885

Tritanomaly
93, 7.623, 236.768

Monochromacy



Original Color
93, 8.649, 177.908

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 3.016, 179.394

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 8.649, 177.908 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(217, 240, 234)` looks like.

```
.text, #text, p{  
    color:rgb(217, 240, 234)  
}
```

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(217, 240, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 240, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 8.649, 177.908 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(217, 240, 234) }
```

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

```
.border{ border-color:rgb(217, 240, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 240, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 240, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 240, 234);  
box-shadow:4px 4px 4px 4px rgb(217, 240,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 8.649, 177.908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 240, 234) }
```

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

```
.background{ background-color: rgb(217,  
240, 234) }
```

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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