

Converting Colors

CIELCh(93, 5.305, 180.160)

Have a look what the booklet for
CIELCh(93, 5.305, 180.160) contains.

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Color

CIELCh(93, 5.169, 181.750)

Conversions

Conversions Part 1

Format	Color
Hex	E0EEEE
RGB	224, 238, 235
RGB Percent	88%, 93%, 92%
CMY	0.1217, 0.0668, 0.0786
CMYK	0.06, 0.00, 0.01, 0.07
HSL	167°, 29%, 91%
HSV	167°, 6%, 93%
XYZ	76.2846, 82.9670, 90.5648
YIQ	233.4720, -7.3810, -3.9010

Conversions

Conversions Part 2

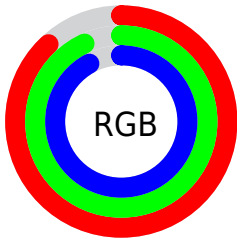
Format	Color
R_{YB}	224, 232, 238
Decimal	14741227
CIE _{Lab}	93.00, -5.17, -0.16
CIE _{LCh}	93, 5.169, 181.750
Yxy	82.9670, 0.3054, 0.3321
Android (android.graphics.Color)	4292931307 (0xFFE0EEEB)
YUV	233.4720, 0.7533, -8.3069
Hunter-Lab	91.0862, -9.9073, 4.8098

Details

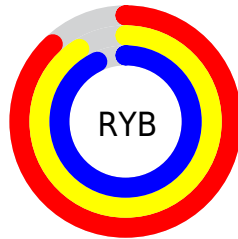
The CIELCh color **93, 5.169, 181.750** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **90, 5.292, 2.588**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 5.081, 180.388** is the 20% darker color. If you saturate the color by 10%, you get **91, 13.783, 180.733**, and if you desaturate by 10%, it is **95, 3.655, 2.352**.

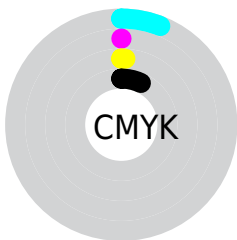
Distribution



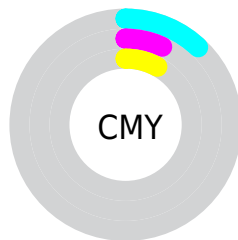
- Red (88%)
- Green (93%)
- Blue (92%)



- Red (88%)
- Yellow (91%)
- Blue (93%)



- Cyan (6%)
- Magenta (0%)
- Yellow (1%)
- Black (7%)



- Cyan (12%)
- Magenta (7%)
- Yellow (8%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 5.169, 181.750 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, 5.169, 181.750 by changing the saturation by 10% instead.

 93, 5.169, 181.750

 93, 5.169, 181.750

 100, 5.169,
181.750

 83, 5.169, 181.750

 73, 5.169, 181.750

 63, 5.169, 181.750

 53, 5.169, 181.750

 43, 5.169, 181.750

 33, 5.169, 181.750

 23, 5.169, 181.750

 13, 5.169, 181.750

 3, 5.169, 181.750

93, 5.169, 181.750

93, 5.169, 181.750

91, 13.783,
180.733

95, 3.655, 2.352

90, 22.054,
179.731

96, 7.104, 348.535

96, 8.745, 333.780

88, 29.840,
178.671

96, 10.620,
324.782

87, 36.991,
177.532

86, 43.362,
176.291

86, 48.833,
174.925

85, 53.328,
173.410

85, 56.841,
171.723

■ 84, 59.451,
169.858

Harmonies

Complementary

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



93, 5.169, 181.750



90, 5.292, 2.588

Rectangle

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



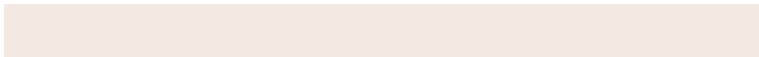
93, 5.169, 181.750



93, 5.169, 231.750



93, 5.169, 1.750



93, 5.169, 51.750

Sweetspot

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



93, 5.171, 181.734



100, 1.863, 182.297



93, 8.243, 138.076



53, 1.059, 182.323



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

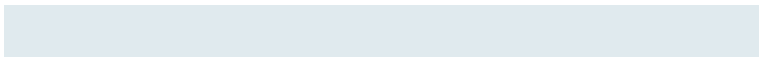
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 5.171, 181.734



99, 6.498, 181.612



92, 4.027, 230.022



50, 4.011, 181.554



67, 49.479, 169.412



20, 20.796, 172.431

Inverse Universe

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



90, 5.292, 2.588



95, 6.677, 2.717



91, 4.154, 49.011



47, 4.129, 2.779



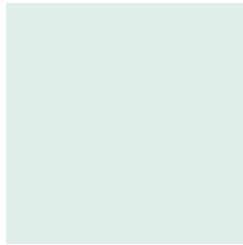
38, 71.917, 28.317



8, 28.962, 14.895

Previews

White Background



This preview shows how the CIELCh color 93, 5.169, 181.750 looks on a white background.

Color Contrast Check

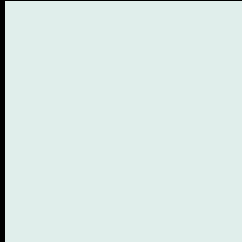
Large Text (above 18pt) WCAG AA × Fail

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, 5.169, 181.750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

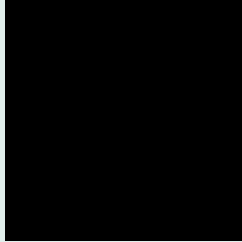
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

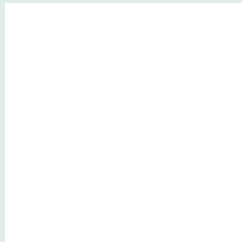
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 5.169, 181.750

Background



This preview shows how black text looks on a background with the CIELCh color 93, 5.169, 181.750.

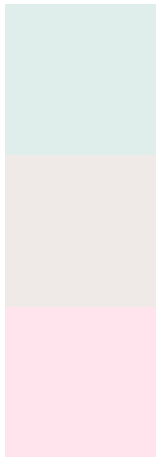


This preview shows how white text looks on a background with the CIELCh color 93, 5.169, 181.750.

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, 5.169, 181.750

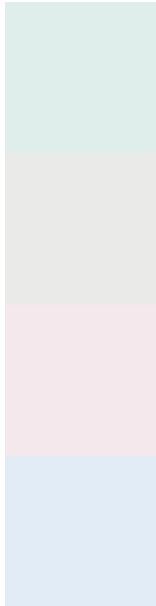
Protanopia
93, 2.049, 49.329

Deuteranopia
93, 10.757, 354.656



Tritanopia
93, 10.125, 275.385

Trichromacy



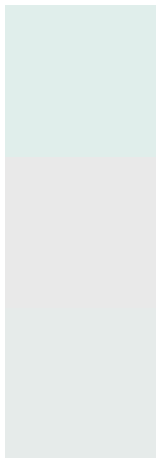
Original Color
93, 5.169, 181.750

Protanomaly
93, 1.084, 129.155

Deuteranomaly
93, 4.770, 354.033

Tritanomaly
93, 6.580, 259.138

Monochromacy



Original Color
93, 5.169, 181.750

Achromatopsia
92, 0.011, 296.813

Achromatomaly
93, 1.843, 183.374

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 5.169, 181.750 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(224, 238, 235)` looks like.

```
.text, #text, p{  
    color:rgb(224, 238, 235)  
}
```

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(224, 238, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 238, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 5.169, 181.750 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(224, 238, 235) }
```

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

```
.border{ border-color:rgb(224, 238, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 238, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 238, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 238, 235);  
box-shadow:4px 4px 4px 4px rgb(224, 238,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 5.169, 181.750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 238, 235) }
```

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

```
.background{ background-color: rgb(224,  
238, 235) }
```

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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