

Converting Colors

CIELCh(93, 5.555, 192.657)

Have a look what the booklet for
CIELCh(93, 5.555, 192.657) contains.

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Color

CIELCh(93, 5.611, 193.857)

Conversions

Conversions Part 1

Format	Color
Hex	DEEEED
RGB	222, 238, 237
RGB Percent	87%, 93%, 93%
CMY	0.1286, 0.0658, 0.0697
CMYK	0.07, 0.00, 0.00, 0.07
HSL	176°, 32%, 90%
HSV	176°, 7%, 93%
XYZ	76.1463, 82.9670, 92.2888
YIQ	233.1020, -9.2150, -3.7030

Conversions

Conversions Part 2

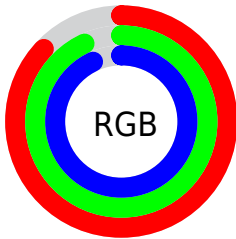
Format	Color
R _Y B	222, 230, 238
Decimal	14610157
CIE Lab	93.00, -5.45, -1.34
CIE LCh	93, 5.611, 193.857
Yxy	82.9670, 0.3029, 0.3300
Android (android.graphics.Color)	4292800237 (0xFFDEEEED)
YUV	233.1020, 1.9217, -9.7365
Hunter-Lab	91.0862, -10.1785, 3.6876

Details

The CIELCh color **93, 5.611, 193.857** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **90, 5.828, 14.606**, 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, 5.520, 193.391** is the 20% darker color. If you saturate the color by 10%, you get **91, 13.647, 193.076**, and if you desaturate by 10%, it is **95, 2.794, 14.210**.

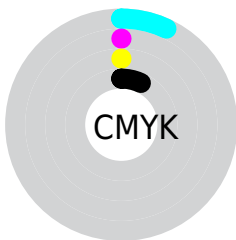
Distribution



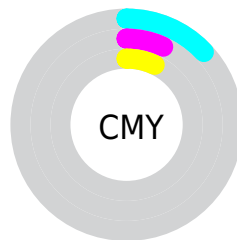
- Red (87%)
- Green (93%)
- Blue (93%)



- Red (87%)
- Yellow (90%)
- Blue (93%)



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



- Cyan (13%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 5.611, 193.857 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, 5.611, 193.857 by changing the saturation by 10% instead.

93, 5.611, 193.857

93, 5.611, 193.857

100, 5.611,
193.857

83, 5.611, 193.857

73, 5.611, 193.857

63, 5.611, 193.857

53, 5.611, 193.857

43, 5.611, 193.857

33, 5.611, 193.857

23, 5.611, 193.857

13, 5.611, 193.857

3, 5.611, 193.857

93, 5.611, 193.857

93, 5.611, 193.857

91, 13.647,
193.076

95, 2.794, 14.210

90, 21.178,
192.370

96, 6.084, 10.125

89, 28.065,
191.680

96, 6.251, 3.208

88, 34.167,
190.998

96, 6.837, 350.840

87, 39.360,
190.315

96, 7.235, 345.539

86, 43.550,
189.624

96, 8.191, 336.686

86, 46.694,
188.910

96, 8.732, 333.041

86, 48.812,
188.160

■ 85, 50.012,
187.358

Harmonies

Complementary

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



93, 5.611, 193.857



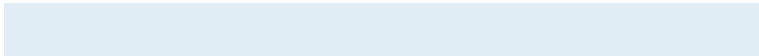
90, 5.828, 14.606

Rectangle

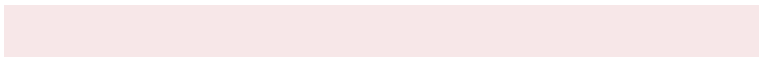
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



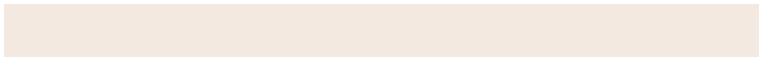
93, 5.611, 193.857



93, 5.611, 243.857



93, 5.611, 13.857



93, 5.611, 63.857

Sweetspot

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



93, 5.612, 193.839



100, 1.780, 194.426



93, 9.876, 142.314



53, 1.012, 194.452



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

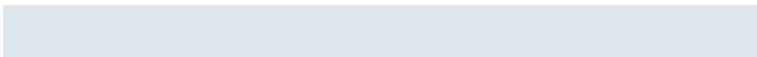
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 5.612, 193.839



99, 7.043, 193.729



91, 4.741, 248.760



49, 4.743, 193.614



67, 41.333, 187.233



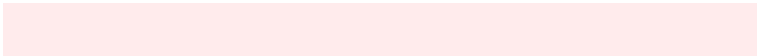
20, 17.890, 188.445

Inverse Universe

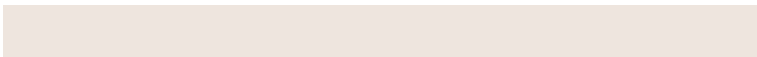
The Inverse Universe completely reimagines the original color for something new.



90, 5.828, 14.606



95, 7.367, 14.731



92, 4.843, 67.031



47, 5.002, 14.867



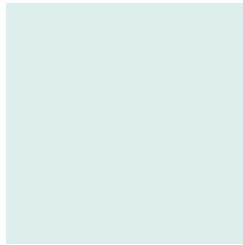
38, 79.080, 37.527



8, 29.515, 21.280

Previews

White Background



This preview shows how the CIELCh color 93, 5.611, 193.857 looks on a white background.

Color Contrast Check

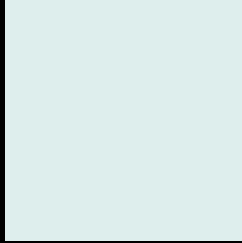
Large Text (above 18pt) WCAG AA × Fail

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, 5.611, 193.857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

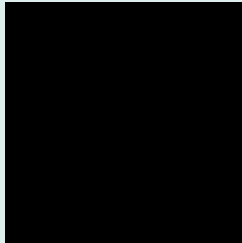
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

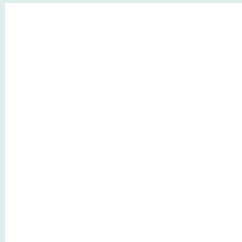
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 5.611, 193.857

Background



This preview shows how black text looks on a background with the CIELCh color 93, 5.611, 193.857.

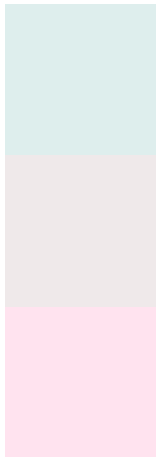


This preview shows how white text looks on a background with the CIELCh color 93, 5.611, 193.857.

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, 5.611, 193.857

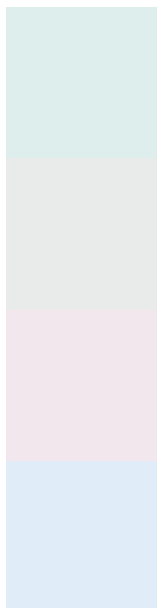
Protanopia
93, 2.207, 5.778

Deuteranopia
93, 11.795, 348.641



Tritanopia
93, 9.934, 268.863

Trichromacy



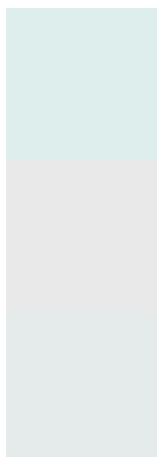
Original Color
93, 5.611, 193.857

Protanomaly
93, 0.706, 200.240

Deuteranomaly
93, 5.619, 339.719

Tritanomaly
93, 7.140, 252.056

Monochromacy



Original Color
93, 5.611, 193.857

Achromatopsia
92, 0.011, 296.813

Achromatomaly
93, 2.113, 199.558

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 5.611, 193.857 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(222, 238, 237)` looks like.

```
.text, #text, p{  
    color:rgb(222, 238, 237)  
}
```

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(222, 238, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 238, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 5.611, 193.857 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(222, 238, 237) }
```

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

```
.border{ border-color:rgb(222, 238, 237) }
```

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

Here you see how a box with a 4 pixel rgb(222, 238, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 238, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 238, 237);  
box-shadow:4px 4px 4px 4px rgb(222, 238,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 5.611, 193.857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 238, 237) }
```

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

```
.background{ background-color: rgb(222,  
238, 237) }
```

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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