

Converting Colors

CIELCh(93, 4.949, 213.855)

Have a look what the booklet for
CIELCh(93, 4.949, 213.855) contains.

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Color

CIELCh(93, 4.955, 211.251)

Conversions

Conversions Part 1

Format	Color
Hex	E0EEF0
RGB	224, 238, 240
RGB Percent	88%, 93%, 94%
CMY	0.1231, 0.0682, 0.0604
CMYK	0.07, 0.01, 0.00, 0.06
HSL	187°, 34%, 91%
HSV	187°, 7%, 94%
XYZ	76.7439, 82.9670, 94.0949
YIQ	234.0420, -8.9860, -2.3460

Conversions

Conversions Part 2

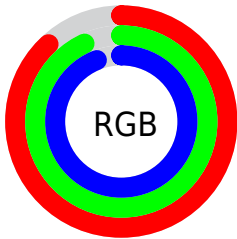
Format	Color
R _Y B	224, 231, 240
Decimal	14741232
CIE Lab	93.00, -4.24, -2.57
CIE LCh	93, 4.955, 211.251
Yxy	82.9670, 0.3024, 0.3269
Android (android.graphics.Color)	4292931312 (0xFFE0EEF0)
YUV	234.0420, 2.9373, -8.8068
Hunter-Lab	91.0862, -9.0074, 2.5119

Details

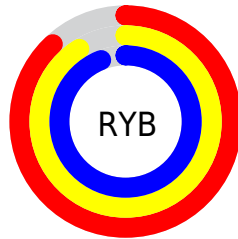
The CIELCh color **93, 4.955, 211.251** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91, 5.172, 31.125**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 4.835, 212.135** is the 20% darker color. If you saturate the color by 10%, you get **91, 12.038, 211.156**, and if you desaturate by 10%, it is **96, 2.523, 30.936**.

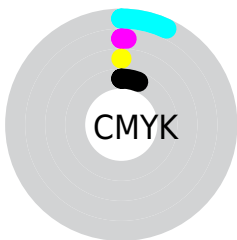
Distribution



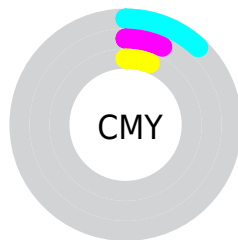
- Red (88%)
- Green (93%)
- Blue (94%)



- Red (88%)
- Yellow (91%)
- Blue (94%)



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



- Cyan (12%)
- Magenta (7%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 4.955, 211.251 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, 4.955, 211.251 by changing the saturation by 10% instead.

93, 4.955, 211.251

93, 4.955, 211.251

100, 4.955,
211.251

83, 4.955, 211.251

73, 4.955, 211.251

63, 4.955, 211.251

53, 4.955, 211.251

43, 4.955, 211.251

33, 4.955, 211.251

23, 4.955, 211.251

13, 4.955, 211.251

3, 4.955, 211.251

93, 4.955, 211.251

93, 4.955, 211.251

91, 12.038,
211.156

96, 2.523, 30.936

88, 18.612,
211.265

97, 4.542, 46.041

86, 24.556,
211.538

98, 4.633, 69.335

85, 29.747,
212.007

98, 5.403, 88.697

83, 34.071,
212.715

99, 6.616, 102.071

100, 7.795,
109.584

81, 37.443,
213.711

80, 39.822,
215.048

79, 41.235,
216.778

■ 78, 41.795,
218.938

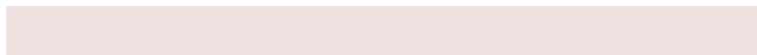
Harmonies

Complementary

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



93, 4.955, 211.251



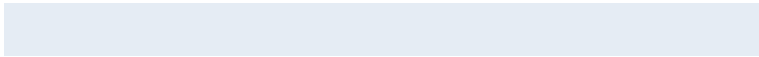
91, 5.172, 31.125

Rectangle

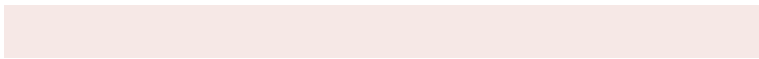
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 4.955, 211.251



93, 4.955, 261.251



93, 4.955, 31.251



93, 4.955, 81.251

Sweetspot

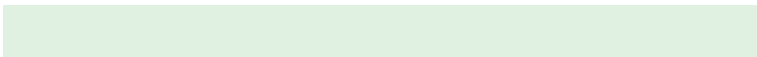
The Sweet Spot groups the original color and five complimentary colors.



93, 4.956, 211.226



99, 1.580, 211.551



93, 9.292, 147.413



53, 0.898, 211.574



0, 0.000, 0.000



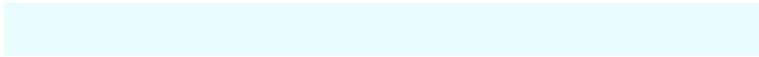
53, 0.007, 296.813

Same Dimension

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



93, 4.956, 211.226



98, 6.225, 211.200



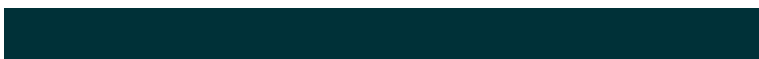
91, 5.508, 267.849



49, 4.189, 211.180



61, 34.341, 219.273



18, 15.143, 215.689

Inverse Universe

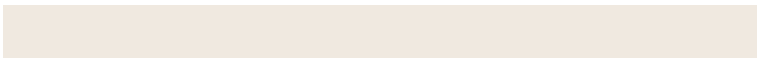
The Inverse Universe completely reimagines the original color for something new.



91, 9.263, 328.393



95, 11.685, 328.479



93, 5.521, 86.017



47, 7.900, 328.570



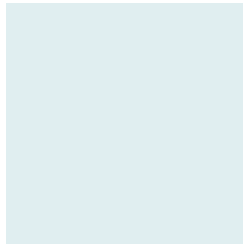
42, 81.891, 333.912



10, 36.235, 333.028

Previews

White Background



This preview shows how the CIELCh color 93, 4.955, 211.251 looks on a white background.

Color Contrast Check

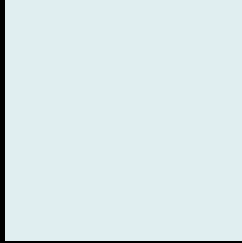
Large Text (above 18pt) WCAG AA × Fail

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, 4.955, 211.251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

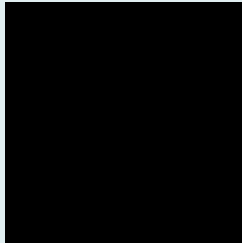
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

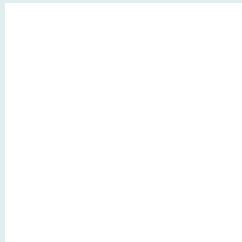
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 4.955, 211.251

Background



This preview shows how black text looks on a background with the CIELCh color 93, 4.955, 211.251.

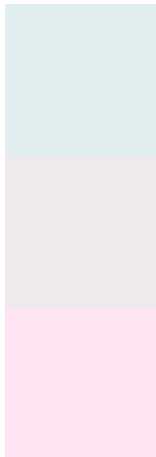


This preview shows how white text looks on a background with the CIELCh color 93, 4.955, 211.251.

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](#).

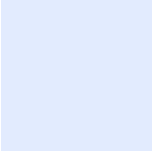
Dichromacy



Original Color
93, 4.955, 211.251

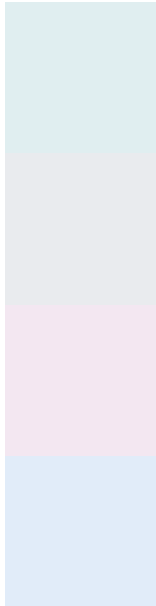
Protanopia
93, 2.744, 330.531

Deuteranopia
93, 12.368, 341.592



Tritanopia
93, 10.213, 273.555

Trichromacy



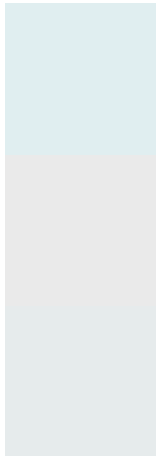
Original Color
93, 4.955, 211.251

Protanomaly
93, 1.698, 265.878

Deuteranomaly
93, 6.722, 329.639

Tritanomaly
93, 7.626, 261.140

Monochromacy



Original Color
93, 4.955, 211.251

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 1.828, 216.046

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 4.955, 211.251 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, 240)` looks like.

```
.text, #text, p{  
    color:rgb(224, 238, 240)  
}
```

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, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 238, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 4.955, 211.251 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, 240) }
```

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

```
.border{ border-color:rgb(224, 238, 240) }
```

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, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 238, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 238, 240);  
box-shadow:4px 4px 4px 4px rgb(224, 238,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 4.955, 211.251 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, 240) }
```

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

```
.background{ background-color: rgb(224,  
238, 240) }
```

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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