

Converting Colors

CIELCh(93, 2.225, 211.605)

Have a look what the booklet for
CIELCh(93, 2.225, 211.605) contains.

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Color

CIELCh(93, 2.164, 213.359)

Conversions

Conversions Part 1

Format	Color
Hex	E6ECED
RGB	230, 236, 237
RGB Percent	90%, 93%, 93%
CMY	0.0978, 0.0743, 0.0704
CMYK	0.03, 0.00, 0.00, 0.07
HSL	189°, 16%, 92%
HSV	189°, 3%, 93%
XYZ	77.9511, 82.9670, 92.0639
YIQ	234.3200, -3.8970, -0.9610

Conversions

Conversions Part 2

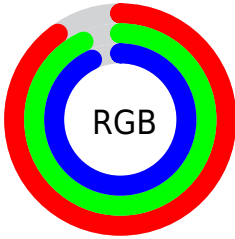
Format	Color
R _Y B	230, 233, 237
Decimal	15133933
CIE Lab	93.00, -1.81, -1.19
CIE LCh	93, 2.164, 213.359
Yxy	82.9670, 0.3081, 0.3280
Android (android.graphics.Color)	4293324013 (0xFFE6ECED)
YUV	234.3200, 1.3212, -3.7886
Hunter-Lab	91.0862, -6.6417, 3.8340

Details

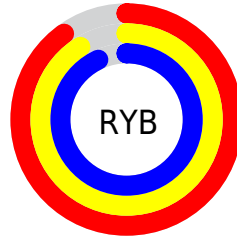
The CIELCh color **93, 2.164, 213.359** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **92, 2.203, 32.747**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 1.918, 215.979** is the 20% darker color. If you saturate the color by 10%, you get **90, 9.251, 213.126**, and if you desaturate by 10%, it is **96, 5.269, 32.935**.

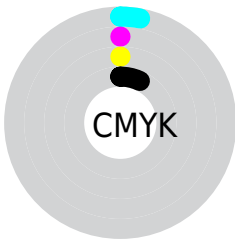
Distribution



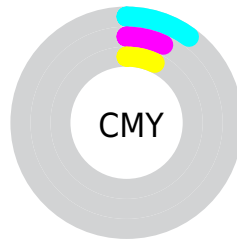
- Red (90%)
- Green (93%)
- Blue (93%)



- Red (90%)
- Yellow (91%)
- Blue (93%)



- Cyan (3%)
- Magenta (0%)
- Yellow (0%)
- Black (7%)



- Cyan (10%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 2.164, 213.359 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, 2.164, 213.359 by changing the saturation by 10% instead.

93, 2.164, 213.359

93, 2.164, 213.359

100, 2.164,
213.359

83, 2.164, 213.359

73, 2.164, 213.359

63, 2.164, 213.359

53, 2.164, 213.359

43, 2.164, 213.359

33, 2.164, 213.359

23, 2.164, 213.359

13, 2.164, 213.359

3, 2.164, 213.359

93, 2.164, 213.359

93, 2.164, 213.359

90, 9.251, 213.126

96, 5.269, 32.935

88, 15.885,
213.271

97, 5.251, 53.450

97, 5.601, 75.370

86, 21.953,
213.589

98, 6.627, 92.516

84, 27.336,
214.111

99, 8.073, 104.263

82, 31.918,
214.880

100, 9.086,
109.489

80, 35.603,
215.952

79, 38.335,
217.387

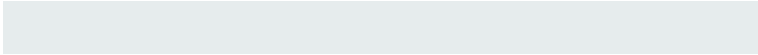
77, 40.113,
219.248

■ 76, 41.020,
221.589

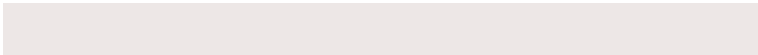
Harmonies

Complementary

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



93, 2.164, 213.359



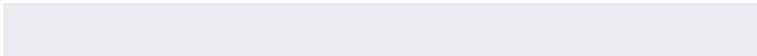
92, 2.203, 32.747

Rectangle

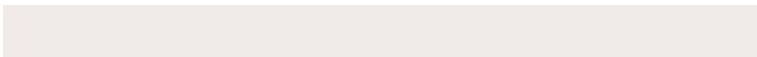
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



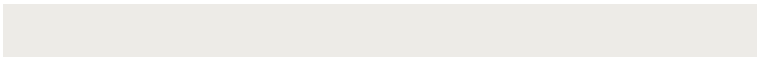
93, 2.164, 213.359



93, 2.164, 263.359



93, 2.164, 33.359



93, 2.164, 83.359

Sweetspot

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



93, 2.165, 213.299



100, 0.782, 213.860



93, 4.011, 148.213



53, 0.445, 213.904



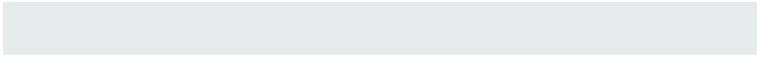
0, 0.000, 0.000



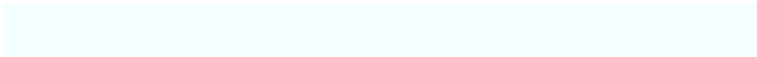
53, 0.007, 296.813

Same Dimension

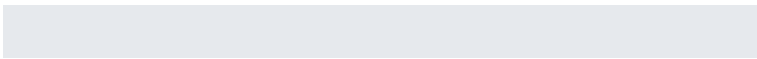
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 2.165, 213.299



99, 3.103, 213.223



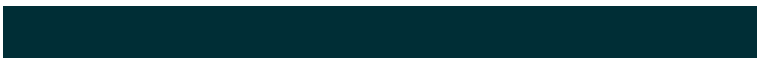
92, 2.457, 268.863



49, 2.056, 213.192



59, 33.763, 222.963



17, 14.578, 218.567

Inverse Universe

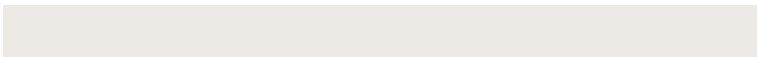
The Inverse Universe completely reimagines the original color for something new.



92, 4.005, 328.686



97, 5.757, 328.771



93, 2.443, 87.876



48, 3.822, 328.823



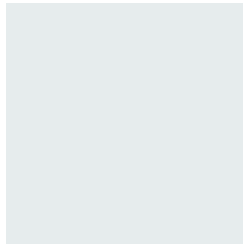
42, 79.960, 334.834



9, 34.796, 333.737

Previews

White Background



This preview shows how the CIE LCh color 93, 2.164, 213.359 looks on a white background.

Color Contrast Check

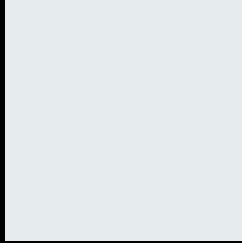
Large Text (above 18pt) WCAG AA × Fail

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, 2.164, 213.359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

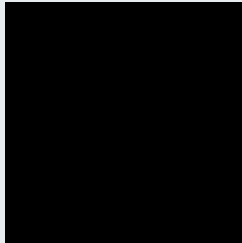
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

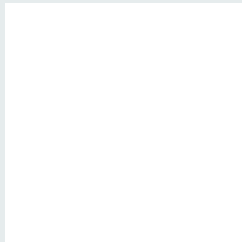
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 2.164, 213.359

Background



This preview shows how black text looks on a background with the CIELCh color 93, 2.164, 213.359.

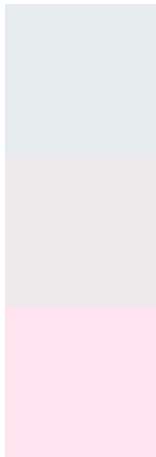


This preview shows how white text looks on a background with the CIELCh color 93, 2.164, 213.359.

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, 2.164, 213.359

Protanopia

93, 1.771, 343.527

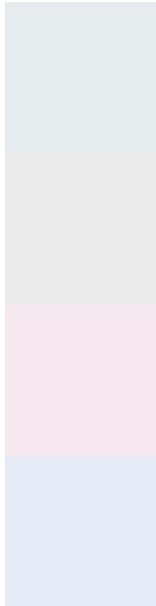
Deuteranopia

93, 11.221, 349.888



Tritanopia
93, 9.310, 286.694

Trichromacy



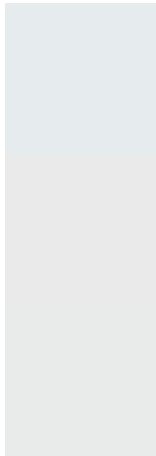
Original Color
93, 2.164, 213.359

Protanomaly
93, 0.526, 290.357

Deuteranomaly
93, 6.475, 345.933

Tritanomaly
93, 6.325, 278.057

Monochromacy



Original Color
93, 2.164, 213.359

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 0.706, 200.240

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 2.164, 213.359 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(230, 236, 237)` looks like.

```
.text, #text, p{  
    color:rgb(230, 236, 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(230, 236, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 236, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 2.164, 213.359 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(230, 236, 237) }
```

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

```
.border{ border-color:rgb(230, 236, 237) }
```

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

Here you see how a box with a 4 pixel rgb(230, 236, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 236, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 236, 237);  
box-shadow:4px 4px 4px 4px rgb(230, 236,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 2.164, 213.359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 236, 237) }
```

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

```
.background{ background-color: rgb(230,  
236, 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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