

Converting Colors

CIELCh(93, 3.467, 215.845)

Have a look what the booklet for
CIELCh(93, 3.467, 215.845) contains.

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Color

CIELCh(93, 3.625, 215.908)

Conversions

Conversions Part 1

Format	Color
Hex	E3EDEF
RGB	227, 237, 239
RGB Percent	89%, 93%, 94%
CMY	0.1106, 0.0714, 0.0635
CMYK	0.05, 0.01, 0.00, 0.06
HSL	190°, 27%, 91%
HSV	190°, 5%, 94%
XYZ	77.3885, 82.9670, 93.4377
YIQ	234.2380, -6.6020, -1.4980

Conversions

Conversions Part 2

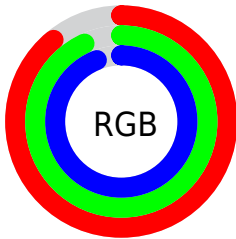
Format	Color
R_{YB}	227, 232, 239
Decimal	14937583
CIE _{Lab}	93.00, -2.94, -2.13
CIE _{LCh}	93, 3.625, 215.908
Yxy	82.9670, 0.3049, 0.3269
Android (android.graphics.Color)	4293127663 (0xFFE3EDEF)
YUV	234.2380, 2.3477, -6.3477
Hunter-Lab	91.0862, -7.7442, 2.9398

Details

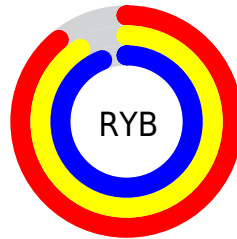
The CIELCh color **93, 3.625, 215.908** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92, 3.739, 35.458**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 3.453, 217.642** is the 20% darker color. If you saturate the color by 10%, you get **90, 10.556, 215.951**, and if you desaturate by 10%, it is **96, 3.665, 35.449**.

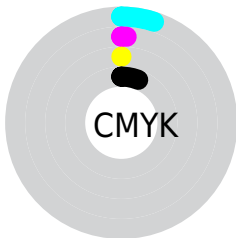
Distribution



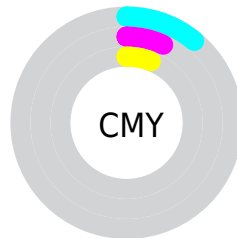
- Red (89%)
- Green (93%)
- Blue (94%)



- Red (89%)
- Yellow (91%)
- Blue (94%)



- Cyan (5%)
- Magenta (1%)
- Yellow (0%)
- Black (6%)



- Cyan (11%)
- Magenta (7%)
- Yellow (6%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 3.625, 215.908 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, 3.625, 215.908 by changing the saturation by 10% instead.

 93, 3.625, 215.908

 93, 3.625, 215.908

 100, 3.625,
215.908

 83, 3.625, 215.908

 73, 3.625, 215.908

 63, 3.625, 215.908

 53, 3.625, 215.908

 43, 3.625, 215.908

 33, 3.625, 215.908

 23, 3.625, 215.908

 13, 3.625, 215.908

 3, 3.625, 215.908

93, 3.625, 215.908

93, 3.625, 215.908

90, 10.556,
215.951

96, 3.665, 35.449

88, 17.023,
216.269

97, 4.740, 59.177

85, 22.916,
216.787

98, 5.502, 85.661

83, 28.118,
217.547

99, 7.084, 102.936

100, 8.202,
109.554

81, 32.519,
218.604

79, 36.033,
220.025

78, 38.618,
221.883

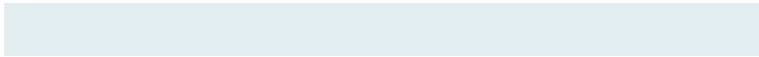
76, 40.296,
224.252

■ 75, 41.175,
227.184

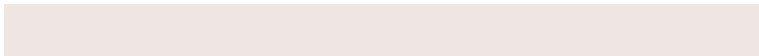
Harmonies

Complementary

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



93, 3.625, 215.908



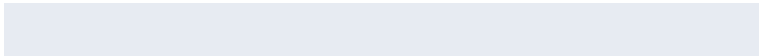
92, 3.739, 35.458

Rectangle

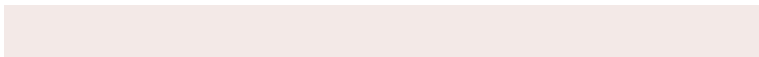
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 3.625, 215.908



93, 3.625, 265.908



93, 3.625, 35.908



93, 3.625, 85.908

Sweetspot

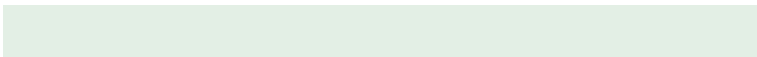
The Sweet Spot groups the original color and five complimentary colors.



93, 3.626, 215.872



99, 1.534, 216.095



93, 6.801, 148.584



53, 0.872, 216.117



0, 0.000, 0.000



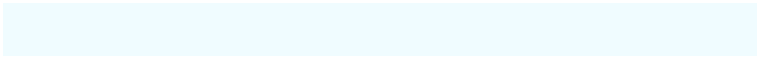
53, 0.007, 296.813

Same Dimension

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



93, 3.626, 215.872



98, 4.555, 215.858



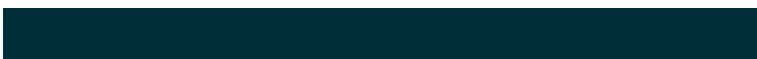
92, 4.278, 270.479



49, 2.867, 215.853



58, 34.021, 228.194



17, 14.889, 223.194

Inverse Universe

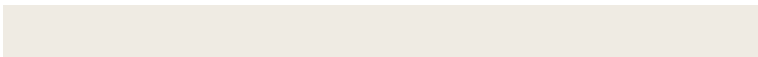
The Inverse Universe completely reimagines the original color for something new.



91, 6.745, 329.634



96, 8.500, 329.703



93, 4.269, 89.076



48, 5.361, 329.744



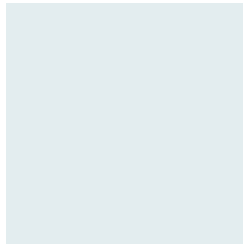
42, 79.310, 336.172



9, 35.241, 334.892

Previews

White Background



This preview shows how the CIELCh color 93, 3.625, 215.908 looks on a white background.

Color Contrast Check

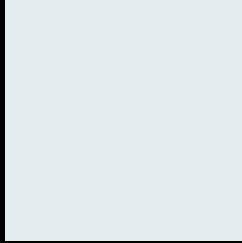
Large Text (above 18pt) WCAG AA × Fail

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, 3.625, 215.908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

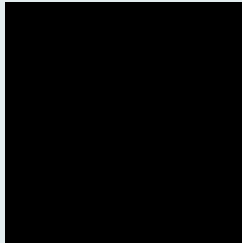
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

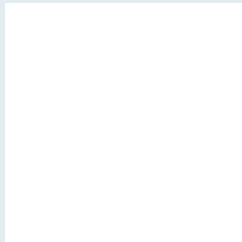
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 3.625, 215.908

Background



This preview shows how black text looks on a background with the CIELCh color 93, 3.625, 215.908.

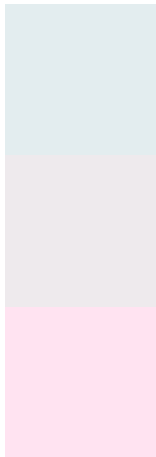


This preview shows how white text looks on a background with the CIELCh color 93, 3.625, 215.908.

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



Original Color

93, 3.625, 215.908

Protanopia

93, 2.119, 332.275

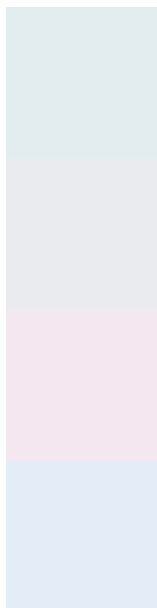
Deuteranopia

93, 12.349, 344.546



Tritanopia
93, 9.475, 278.443

Trichromacy



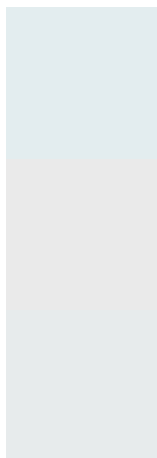
Original Color
93, 3.625, 215.908

Protanomaly
93, 1.591, 277.562

Deuteranomaly
93, 6.834, 337.043

Tritanomaly
93, 6.729, 266.544

Monochromacy



Original Color
93, 3.625, 215.908

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 1.496, 219.937

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 3.625, 215.908 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(227, 237, 239)` looks like.

```
.text, #text, p{  
    color:rgb(227, 237, 239)  
}
```

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(227, 237, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 237, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 3.625, 215.908 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(227, 237, 239) }
```

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

```
.border{ border-color:rgb(227, 237, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 237, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 237, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 237, 239);  
box-shadow:4px 4px 4px 4px rgb(227, 237,  
239) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 3.625, 215.908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 237, 239) }
```

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

```
.background{ background-color: rgb(227,  
237, 239) }
```

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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