

Converting Colors

CIELCh(93, 2.056, 290.896)

Have a look what the booklet for
CIELCh(93, 2.056, 290.896) contains.

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Color

CIELCh(93, 2.072, 290.376)

Conversions

Conversions Part 1

Format	Color
Hex	EBEBEF
RGB	235, 235, 239
RGB Percent	92%, 92%, 94%
CMY	0.0801, 0.0801, 0.0644
CMYK	0.02, 0.02, 0.00, 0.06
HSL	240°, 11%, 93%
HSV	240°, 2%, 94%
XYZ	79.2215, 82.9670, 93.1671
YIQ	235.4560, -1.2840, 1.2440

Conversions

Conversions Part 2

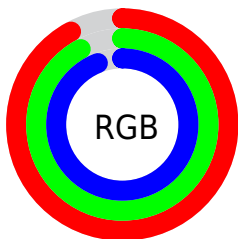
Format	Color
R_{YB}	235, 235, 239
Decimal	15461359
CIE Lab	93.00, 0.72, -1.94
CIE LCh	93, 2.072, 290.376
Yxy	82.9670, 0.3102, 0.3249
Android (android.graphics.Color)	4293651439 (0xFFEBEBEF)
YUV	235.4560, 1.7472, -0.3999
Hunter-Lab	91.0862, -4.1520, 3.1159

Details

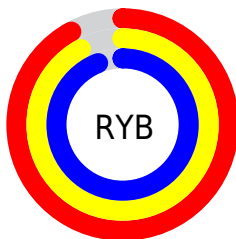
The CIELCh color **93, 2.072, 290.376** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 2.041, 109.943**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 2.178, 290.415** is the 20% darker color. If you saturate the color by 10%, you get **85, 14.647, 291.379**, and if you desaturate by 10%, it is **100, 8.316, 109.546**.

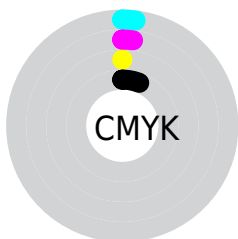
Distribution



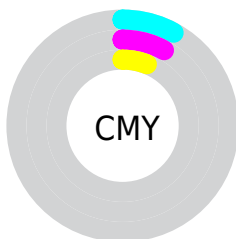
- Red (92%)
- Green (92%)
- Blue (94%)



- Red (92%)
- Yellow (92%)
- Blue (94%)



- Cyan (2%)
- Magenta (2%)
- Yellow (0%)
- Black (6%)



- Cyan (8%)
- Magenta (8%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 2.072, 290.376 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, 2.072, 290.376 by changing the saturation by 10% instead.

■ 93, 2.072, 290.376

■ 93, 2.072, 290.376

100, 2.072,
290.376

■ 83, 2.072, 290.376

■ 73, 2.072, 290.376

■ 63, 2.072, 290.376

■ 53, 2.072, 290.376

■ 43, 2.072, 290.376

■ 33, 2.072, 290.376

■ 23, 2.072, 290.376

■ 13, 2.072, 290.376

■ 3, 2.072, 290.376

93, 2.072, 290.376

93, 2.072, 290.376

85, 14.647,
291.379

100, 8.316,
109.546

77, 27.755,
292.643

70, 41.434,
294.135

62, 55.708,
295.876

54, 70.536,
297.867

47, 85.697,
300.053

40, 100.550,
302.280

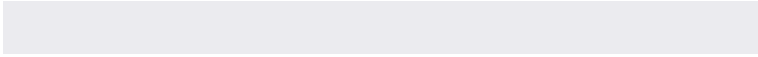
35, 113.701,
304.269

■ 31,123.037,
305.665

Harmonies

Complementary

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



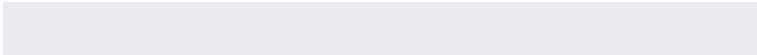
93, 2.072, 290.376



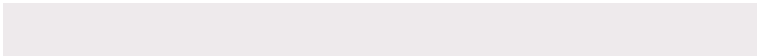
94, 2.041, 109.943

Rectangle

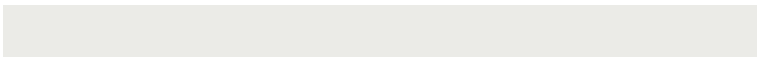
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



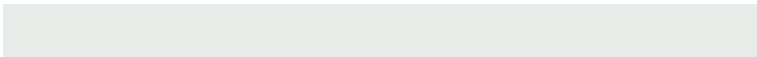
93, 2.072, 290.376



93, 2.072, 340.376



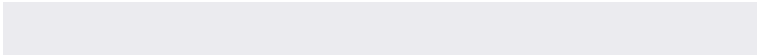
93, 2.072, 110.376



93, 2.072, 160.376

Sweetspot

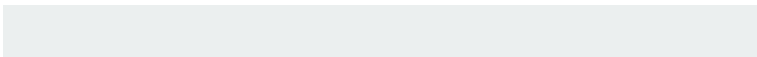
The Sweet Spot groups the original color and five complimentary colors.



93, 2.070, 290.338



99, 1.306, 290.296



94, 1.407, 198.363



53, 0.743, 290.294



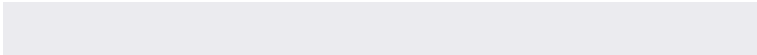
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

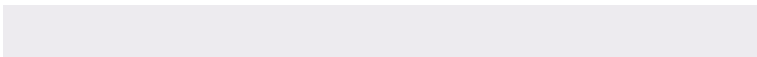
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 2.070, 290.338



98, 2.607, 290.364



93, 2.190, 308.499



49, 1.409, 290.355



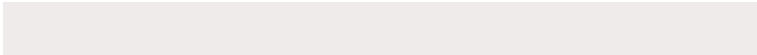
22, 104.510, 306.275



3, 37.783, 298.733

Inverse Universe

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



93, 1.423, 18.984



99, 1.795, 19.077



94, 2.164, 128.470



50, 0.970, 19.049



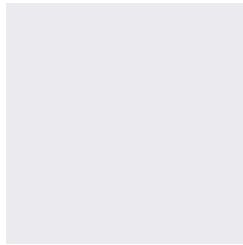
38, 81.657, 39.955



8, 29.831, 23.767

Previews

White Background



This preview shows how the CIE LCh color 93, 2.072, 290.376 looks on a white background.

Color Contrast Check

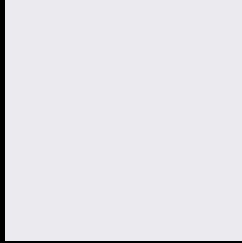
Large Text (above 18pt) WCAG AA × Fail

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, 2.072, 290.376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

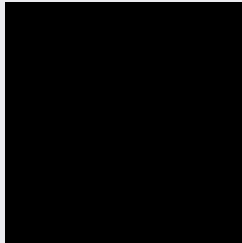
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

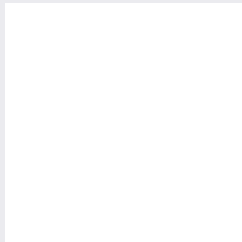
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 2.072, 290.376

Background



This preview shows how black text looks on a background with the CIELCh color 93, 2.072, 290.376.

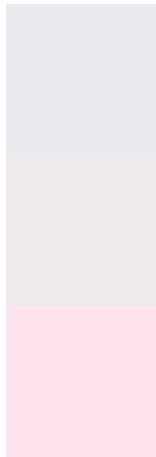


This preview shows how white text looks on a background with the CIELCh color 93, 2.072, 290.376.

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, 2.072, 290.376

Protanopia

93, 2.524, 324.418

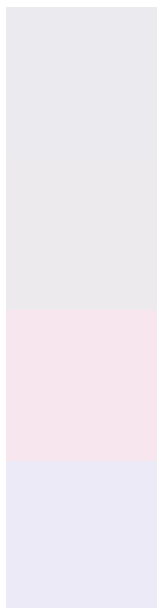
Deuteranopia

93, 11.481, 347.659



Tritanopia
93, 9.423, 299.332

Trichromacy



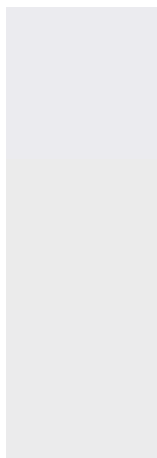
Original Color
93, 2.072, 290.376

Protanomaly
93, 2.341, 317.272

Deuteranomaly
93, 7.945, 344.197

Tritanomaly
93, 6.249, 297.066

Monochromacy



Original Color
93, 2.072, 290.376

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 0.526, 290.357

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 2.072, 290.376 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(235, 235, 239)` looks like.

```
.text, #text, p{  
    color:rgb(235, 235, 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(235, 235, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 235, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 2.072, 290.376 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(235, 235, 239) }
```

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

```
.border{ border-color:rgb(235, 235, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 235, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 235, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 235, 239);  
box-shadow:4px 4px 4px 4px rgb(235, 235,  
239) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 2.072, 290.376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 235, 239) }
```

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

```
.background{ background-color: rgb(235,  
235, 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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