

Converting Colors

CIELCh(93, 6.572, 259.188)

Have a look what the booklet for
CIELCh(93, 6.572, 259.188) contains.

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Color

CIELCh(93, 6.580, 259.138)

Conversions

Conversions Part 1

Format	Color
Hex	E2ECF7
RGB	226, 236, 247
RGB Percent	89%, 93%, 97%
CMY	0.1133, 0.0740, 0.0309
CMYK	0.08, 0.04, 0.00, 0.03
HSL	211°, 57%, 93%
HSV	211°, 8%, 97%
XYZ	78.2350, 82.9670, 99.9800
YIQ	234.2640, -9.4910, 1.3010

Conversions

Conversions Part 2

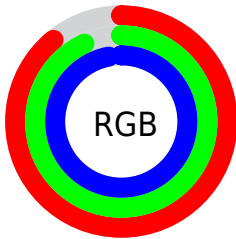
Format	Color
R _Y B	226, 233, 247
Decimal	14871799
CIE Lab	93.00, -1.24, -6.46
CIE LCh	93, 6.580, 259.138
Yxy	82.9670, 0.2995, 0.3177
Android (android.graphics.Color)	4293061879 (0xFFE2ECF7)
YUV	234.2640, 6.2788, -7.2475
Hunter-Lab	91.0862, -6.0853, -1.3187

Details

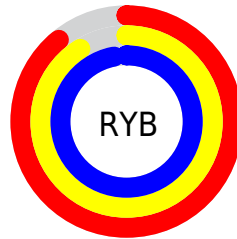
The CIELCh color `93, 6.580, 259.138` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `94, 6.686, 76.815`, and the grayscale version is `93, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `73, 6.731, 262.076` is the 20% darker color. If you saturate the color by 10%, you get `88, 14.272, 260.630`, and if you desaturate by 10%, it is `98, 1.154, 77.395`.

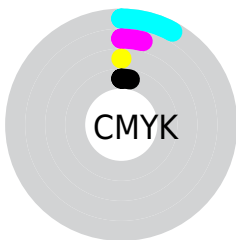
Distribution



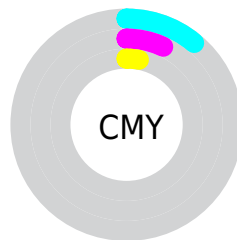
- Red (89%)
- Green (93%)
- Blue (97%)



- Red (89%)
- Yellow (91%)
- Blue (97%)



- Cyan (8%)
- Magenta (4%)
- Yellow (0%)
- Black (3%)



- Cyan (11%)
- Magenta (7%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 6.580, 259.138 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, 6.580, 259.138 by changing the saturation by 10% instead.

■ 93, 6.580, 259.138

■ 93, 6.580, 259.138

■ 100, 6.580,
259.138

■ 83, 6.580, 259.138

■ 73, 6.580, 259.138

■ 63, 6.580, 259.138

■ 53, 6.580, 259.138

■ 43, 6.580, 259.138

■ 33, 6.580, 259.138

■ 23, 6.580, 259.138

■ 13, 6.580, 259.138

■ 3, 6.580, 259.138

93, 6.580, 259.138

93, 6.580, 259.138

88, 14.272,
260.630

98, 1.154, 77.395

83, 21.900,
262.449

100, 3.986,
109.861

78, 29.441,
264.617

73, 36.884,
267.191

69, 44.242,
270.222

64, 51.557,
273.738

60, 58.907,
277.715

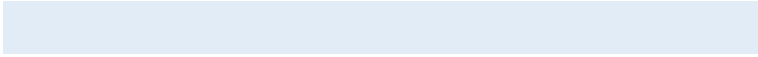
56, 66.395,
282.050

■ 52, 74.110,
286.517

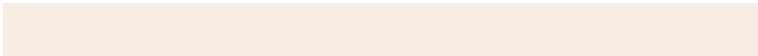
Harmonies

Complementary

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



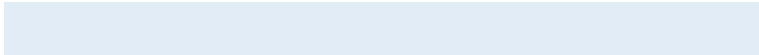
93, 6.580, 259.138



94, 6.686, 76.815

Rectangle

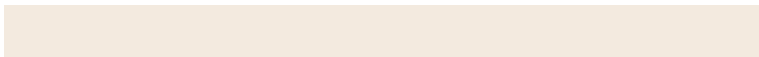
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 6.580, 259.138



93, 6.580, 309.138



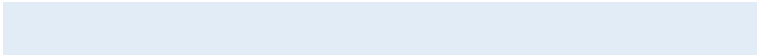
93, 6.580, 79.138



93, 6.580, 129.138

Sweetspot

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



93, 6.579, 259.120



98, 2.391, 258.489



96, 9.071, 163.889



52, 1.811, 258.557



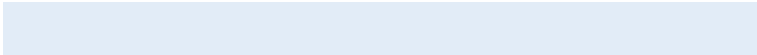
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



93, 6.579, 259.120



95, 7.937, 259.329



91, 10.915, 291.691



49, 4.365, 259.254



39, 59.783, 286.331



10, 23.120, 279.247

Inverse Universe

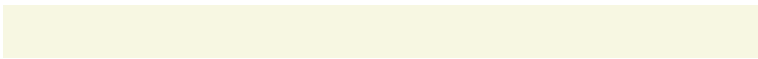
The Inverse Universe completely reimagines the original color for something new.



92, 9.144, 345.620



93, 11.059, 345.765



97, 10.695, 110.029



48, 6.076, 345.714



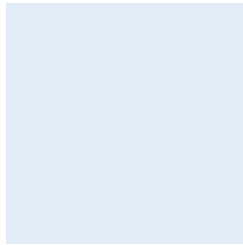
40, 66.708, 4.288



9, 30.055, 357.763

Previews

White Background



This preview shows how the CIELCh color 93, 6.580, 259.138 looks on a white background.

Color Contrast Check

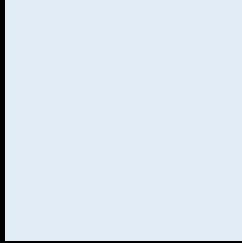
Large Text (above 18pt) WCAG AA × Fail

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, 6.580, 259.138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

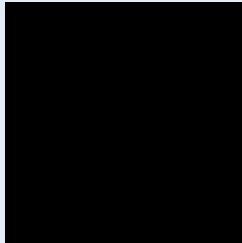
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

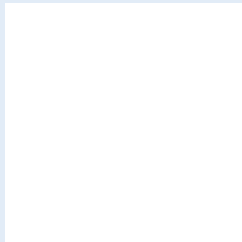
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 6.580, 259.138

Background



This preview shows how black text looks on a background with the CIELCh color 93, 6.580, 259.138.



This preview shows how white text looks on a background with the CIELCh color 93, 6.580, 259.138.

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](#).

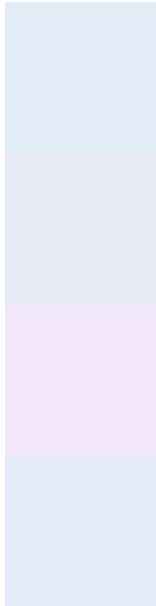
Dichromacy





Tritanopia
93, 10.125, 275.385

Trichromacy



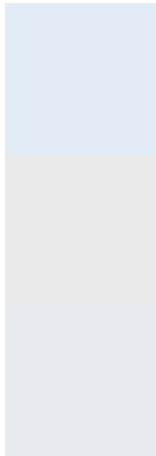
Original Color
93, 6.580, 259.138

Protanomaly
93, 6.228, 284.291

Deuteranomaly
93, 9.634, 314.299

Tritanomaly
93, 8.650, 272.419

Monochromacy



Original Color
93, 6.580, 259.138

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 2.483, 256.003

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 6.580, 259.138 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(226, 236, 247)` looks like.

```
.text, #text, p{  
    color:rgb(226, 236, 247)  
}
```

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(226, 236, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 236, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 6.580, 259.138 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(226, 236, 247) }
```

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

```
.border{ border-color:rgb(226, 236, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 236, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 236, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 236, 247);  
box-shadow:4px 4px 4px 4px rgb(226, 236,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 6.580, 259.138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 236, 247) }
```

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

```
.background{ background-color: rgb(226,  
236, 247) }
```

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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