

Converting Colors

CIE LCh(93, 7.205, 272.218)

Have a look what the booklet for
CIELCh(93, 7.205, 272.218) contains.

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Color

CIELCh(93, 7.480, 274.760)

Conversions

Conversions Part 1

Format	Color
Hex	E5EBF9
RGB	229, 235, 249
RGB Percent	90%, 92%, 98%
CMY	0.1017, 0.0782, 0.0233
CMYK	0.08, 0.06, 0.00, 0.02
HSL	222°, 63%, 94%
HSV	222°, 8%, 98%
XYZ	79.1706, 82.9670, 101.5185
YIQ	234.8020, -8.0700, 3.0820

Conversions

Conversions Part 2

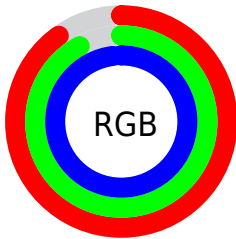
Format	Color
R _Y B	229, 234, 249
Decimal	15068153
CIE Lab	93.00, 0.62, -7.45
CIE LCh	93, 7.480, 274.760
Yxy	82.9670, 0.3003, 0.3147
Android (android.graphics.Color)	4293258233 (0xFFE5EBF9)
YUV	234.8020, 6.9996, -5.0884
Hunter-Lab	91.0862, -4.2517, -2.3202

Details

The CIELCh color `93, 7.480, 274.760` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `96, 7.453, 92.668`, 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, 7.779, 277.589` is the 20% darker color. If you saturate the color by 10%, you get `87, 16.947, 276.199`, and if you desaturate by 10%, it is `99, 1.803, 93.307`.

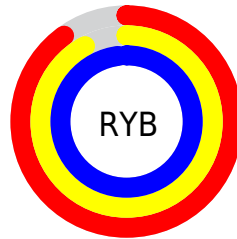
Distribution



Red (90%)

Green (92%)

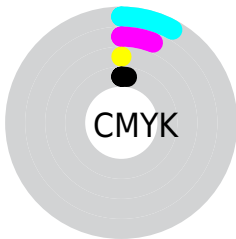
Blue (98%)



Red (90%)

Yellow (92%)

Blue (98%)

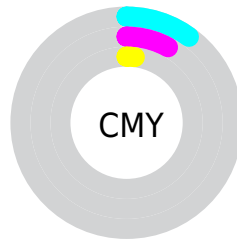


Cyan (8%)

Magenta (6%)

Yellow (0%)

Black (2%)



Cyan (10%)

Magenta (8%)

Yellow (2%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 7.480, 274.760 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, 7.480, 274.760 by changing the saturation by 10% instead.

 93, 7.480, 274.760

 93, 7.480, 274.760

 100, 7.480,
274.760

 83, 7.480, 274.760

 73, 7.480, 274.760

 63, 7.480, 274.760

 53, 7.480, 274.760

 43, 7.480, 274.760

 33, 7.480, 274.760

 23, 7.480, 274.760

 13, 7.480, 274.760

 3, 7.480, 274.760

93, 7.480, 274.760

93, 7.480, 274.760

87, 16.947,
276.199

99, 1.803, 93.307

81, 26.610,
277.915

100, 2.997,
109.928

75, 36.485,
279.928

68, 46.598,
282.278

62, 56.986,
284.992

57, 67.687,
288.066

51, 78.696,
291.435

46, 89.889,
294.949

■ 42, 100.906,
298.362

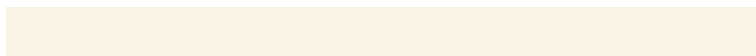
Harmonies

Complementary

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



93, 7.480, 274.760



96, 7.453, 92.668

Rectangle

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



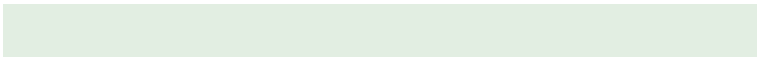
93, 7.480, 274.760



93, 7.480, 324.760



93, 7.480, 94.760



93, 7.480, 144.760

Sweetspot

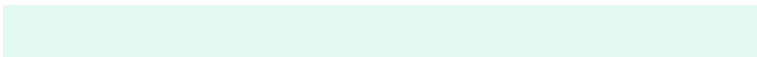
The Sweet Spot groups the original color and five complimentary colors.



93, 7.478, 274.747



99, 1.895, 274.067



96, 7.720, 174.145



53, 1.078, 274.062



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, 7.478, 274.747



94, 9.508, 275.014



92, 10.462, 297.940



49, 5.315, 274.944



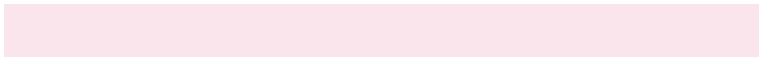
31, 82.190, 298.396



7, 32.116, 293.060

Inverse Universe

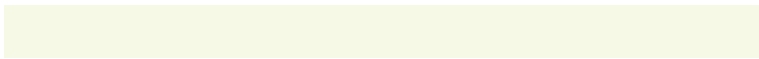
The Inverse Universe completely reimagines the original color for something new.



93, 7.828, 356.641



93, 9.977, 356.856



97, 10.271, 116.789



49, 5.573, 356.800



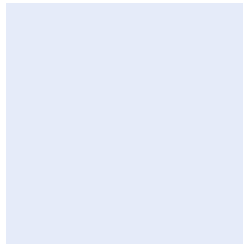
40, 69.953, 21.189



9, 30.571, 12.019

Previews

White Background



This preview shows how the CIELCh color 93, 7.480, 274.760 looks on a white background.

Color Contrast Check

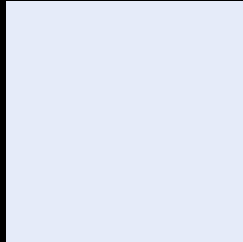
Large Text (above 18pt) WCAG AA × Fail

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, 7.480, 274.760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

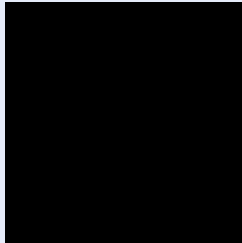
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

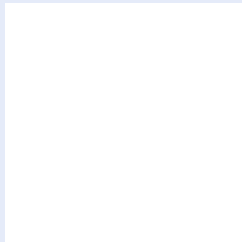
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 7.480, 274.760

Background



This preview shows how black text looks on a background with the CIELCh color 93, 7.480, 274.760.



This preview shows how white text looks on a background with the CIELCh color 93, 7.480, 274.760.

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

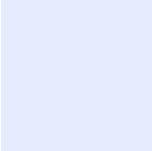
93, 7.480, 274.760

Protanopia

93, 7.795, 295.891

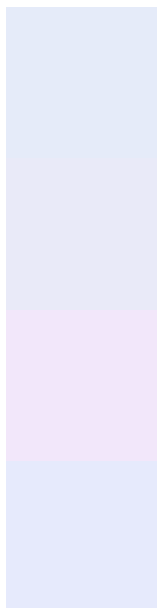
Deuteranopia

93, 13.789, 324.906



Tritanopia
93, 9.883, 283.016

Trichromacy



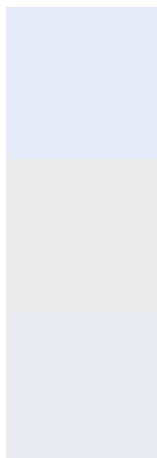
Original Color
93, 7.480, 274.760

Protanomaly
93, 7.235, 288.019

Deuteranomaly
93, 10.586, 312.084

Tritanomaly
93, 9.373, 282.525

Monochromacy



Original Color
93, 7.480, 274.760

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 2.670, 275.190

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 7.480, 274.760 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(229, 235, 249)` looks like.

```
.text, #text, p{  
    color:rgb(229, 235, 249)  
}
```

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(229, 235, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 235, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 7.480, 274.760 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(229, 235, 249) }
```

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

```
.border{ border-color:rgb(229, 235, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 235, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 235, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 235, 249);  
box-shadow:4px 4px 4px 4px rgb(229, 235,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 7.480, 274.760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 235, 249) }
```

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

```
.background{ background-color: rgb(229,  
235, 249) }
```

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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