

Converting Colors

CIE LCh(93, 7.400, 277.319)

Have a look what the booklet for
CIELCh(93, 7.400, 277.319) contains.

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Color

CIELCh(93, 7.400, 277.319)

Conversions

Conversions Part 1

Format	Color
Hex	E6EBF9
RGB	230, 235, 249
RGB Percent	90%, 92%, 98%
CMY	0.0986, 0.0790, 0.0241
CMYK	0.08, 0.06, 0.00, 0.02
HSL	224°, 61%, 94%
HSV	224°, 8%, 98%
XYZ	79.3333, 82.9670, 101.3402
YIQ	235.1010, -7.4740, 3.2940

Conversions

Conversions Part 2

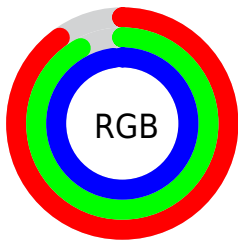
Format	Color
R _Y B	230, 234, 249
Decimal	15133689
CIE Lab	93.00, 0.94, -7.34
CIE LCh	93, 7.400, 277.319
Yxy	82.9670, 0.3009, 0.3147
Android (android.graphics.Color)	4293323769 (0xFFE6EBF9)
YUV	235.1010, 6.8522, -4.4736
Hunter-Lab	91.0862, -3.9329, -2.2041

Details

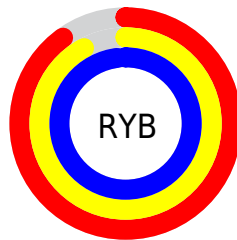
The CIELCh color `93, 7.400, 277.319` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `96, 7.352, 95.382`, and the grayscale version is `93, 0.011, 296.813`.

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, 17.280, 278.717`, and if you desaturate by 10%, it is `99, 2.252, 95.948`.

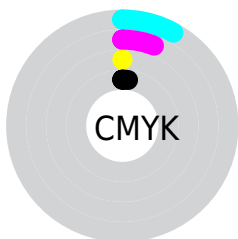
Distribution



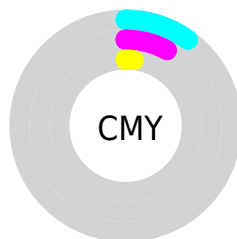
- Red (90%)
- Green (92%)
- Blue (98%)



- 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, 7.400, 277.319 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, 7.400, 277.319 by changing the saturation by 10% instead.



93, 7.400, 277.319

93, 7.400, 277.319

87, 17.280,
278.717

99, 2.252, 95.948

80, 27.407,
280.382

100, 3.102,
109.921

74, 37.801,
282.334

67, 48.495,
284.611

61, 59.525,
287.236

55, 70.913,
290.200

50, 82.616,
293.429

44, 94.412,
296.763

■ 40,105.772,
299.945

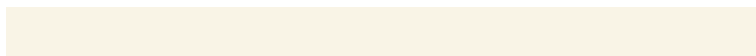
Harmonies

Complementary

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



93, 7.400, 277.319



96, 7.352, 95.382

Rectangle

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



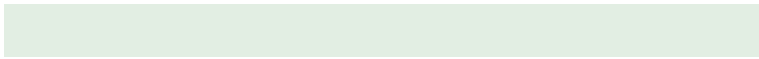
93, 7.400, 277.319



93, 7.400, 327.319



93, 7.400, 97.319



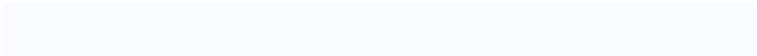
93, 7.400, 147.319

Sweetspot

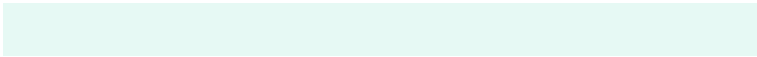
The Sweet Spot groups the original color and five complimentary colors.



93, 7.398, 277.306



99, 1.972, 276.681



96, 7.130, 177.688



53, 1.121, 276.675



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, 7.398, 277.306



94, 8.908, 277.485



92, 9.981, 299.780



49, 5.538, 277.550



29, 86.554, 300.094



6, 33.676, 294.722

Inverse Universe

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



93, 7.300, 359.198



94, 8.805, 359.349



97, 9.813, 118.787



49, 5.477, 359.403



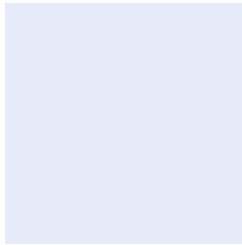
40, 71.319, 24.434



9, 30.704, 14.349

Previews

White Background



This preview shows how the CIELCh color 93, 7.400, 277.319 looks on a white background.

Color Contrast Check

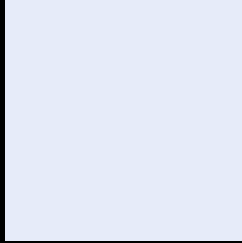
Large Text (above 18pt) WCAG AA × Fail

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, 7.400, 277.319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

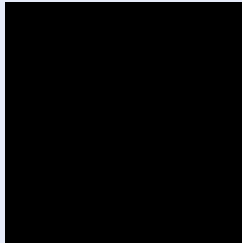
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

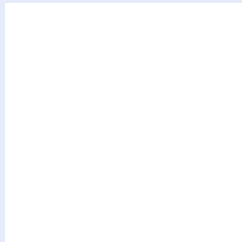
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 7.400, 277.319

Background



This preview shows how black text looks on a background with the CIELCh color 93, 7.400, 277.319.



This preview shows how white text looks on a background with the CIELCh color 93, 7.400, 277.319.

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, 7.400, 277.319

Protanopia

93, 7.795, 295.891

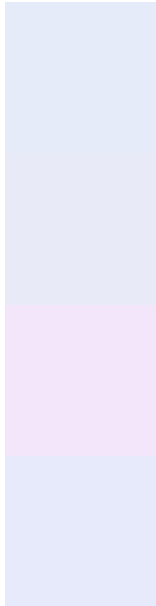
Deuteranopia

93, 13.789, 324.906



Tritanopia
93, 9.848, 284.981

Trichromacy



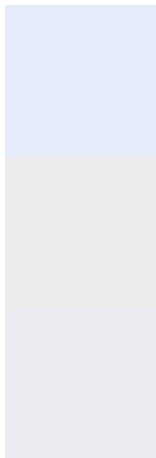
Original Color
93, 7.400, 277.319

Protanomaly
93, 7.235, 288.019

Deuteranomaly
93, 11.339, 314.446

Tritanomaly
93, 8.823, 284.180

Monochromacy



Original Color
93, 7.400, 277.319

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, 7.400, 277.319 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, 235, 249)` looks like.

```
.text, #text, p{  
    color:rgb(230, 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(230, 235, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 235, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 7.400, 277.319 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, 235, 249) }
```

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

```
.border{ border-color:rgb(230, 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(230, 235, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 235, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 235, 249);  
box-shadow:4px 4px 4px 4px rgb(230, 235,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 7.400, 277.319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 235, 249) }
```

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

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