

Converting Colors

CIELCh(93, 10.144, 272.631)

Have a look what the booklet for
CIELCh(93, 10.144, 272.631)
contains.

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Color

CIElCh(93, 10.213, 273.555)

Conversions

Conversions Part 1

Format	Color
Hex	E2EBFE
RGB	226, 235, 254
RGB Percent	89%, 92%, 100%
CMY	0.1126, 0.0773, 0.0028
CMYK	0.11, 0.07, 0.00, 0.00
HSL	221°, 95%, 94%
HSV	221°, 11%, 100%
XYZ	79.1770, 82.9670, 105.8483
YIQ	234.4750, -11.4630, 4.0010

Conversions

Conversions Part 2

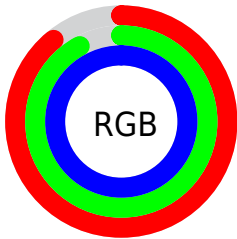
Format	Color
R_{YB}	226, 233, 254
Decimal	14871550
CIE Lab	93.00, 0.63, -10.19
CIE LCh	93, 10.213, 273.555
Yxy	82.9670, 0.2954, 0.3096
Android (android.graphics.Color)	4293061630 (0xFFE2EBFE)
YUV	234.4750, 9.6258, -7.4326
Hunter-Lab	91.0862, -4.2393, -5.1386

Details

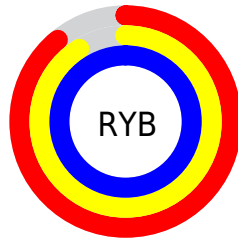
The CIELCh color `93, 10.213, 273.555` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `97, 10.207, 90.655`, and the grayscale version is `93, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `73, 10.119, 274.882` is the 20% darker color. If you saturate the color by 10%, you get `87, 19.646, 275.096`, and if you desaturate by 10%, it is `99, 0.941, 272.476`.

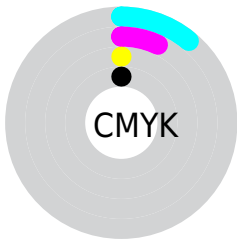
Distribution



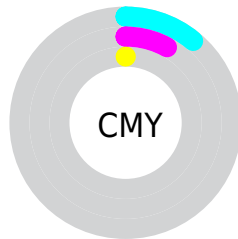
- Red (89%)
- Green (92%)
- Blue (100%)



- Red (89%)
- Yellow (91%)
- Blue (100%)



- Cyan (11%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)





- Cyan (11%)
- Magenta (8%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 10.213, 273.555 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, 10.213, 273.555 by changing the saturation by 10% instead.


 93, 10.213,
273.555


 93, 10.213,
273.555


 100, 10.213,
273.555


 83, 10.213,
273.555

 73, 10.213,
273.555

 63, 10.213,
273.555

 53, 10.213,
273.555

 43, 10.213,
273.555

 33, 10.213,
273.555

 23, 10.213,

273.555

■ 13, 10.213,
273.555

■ 3, 10.213, 273.555

■ 93, 10.213,
273.555

■ 93, 10.213,
273.555

■ 87, 19.646,
275.096

■ 99, 0.941, 272.476

■ 81, 29.251,
276.922

100, 0.349,
109.930

■ 75, 39.042,
279.064

■ 69, 49.047,
281.562

■ 63, 59.306,
284.438

■ 57, 69.860,
287.678

■ 52, 80.707,
291.198

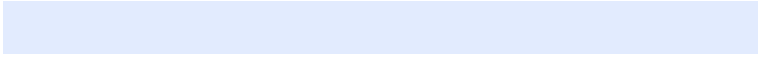
■ 47, 91.717,
294.830

■ 43, 101.477,
297.942

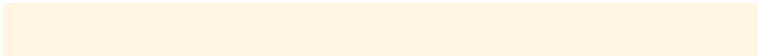
Harmonies

Complementary

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



93, 10.213, 273.555



97, 10.207, 90.655

Rectangle

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



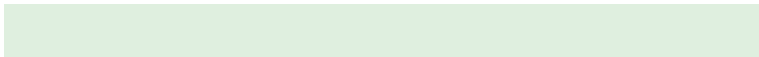
93, 10.213, 273.555



93, 10.213, 323.555



93, 10.213, 93.555



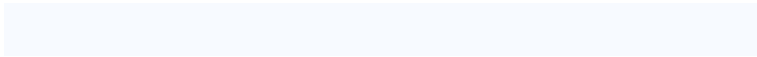
93, 10.213, 143.555

Sweetspot

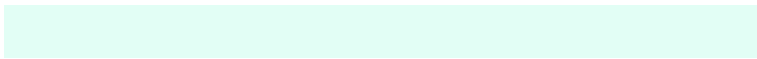
The Sweet Spot groups the original color and five complimentary colors.



93, 10.211, 273.546



98, 2.776, 272.530



98, 10.860, 172.716



52, 2.104, 272.612



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, 10.211, 273.546



92, 12.100, 273.833



91, 14.653, 297.560



50, 5.277, 273.335



32, 80.459, 297.332



8, 32.286, 292.300

Inverse Universe

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



92, 11.104, 355.499



91, 13.187, 355.716



99, 14.299, 115.907



50, 5.729, 355.336



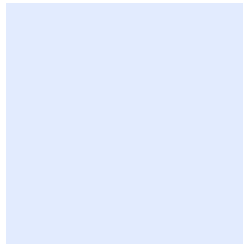
40, 69.994, 19.292



10, 31.382, 11.197

Previews

White Background



This preview shows how the CIE LCh color 93, 10.213, 273.555 looks on a white background.

Color Contrast Check

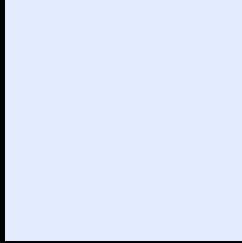
Large Text (above 18pt) WCAG AA × Fail

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, 10.213, 273.555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

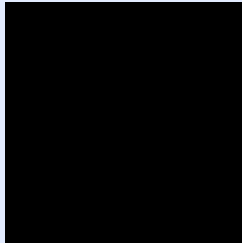
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

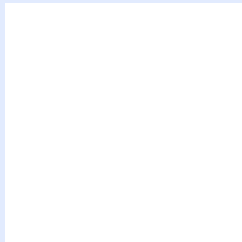
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 10.213, 273.555

Background



This preview shows how black text looks on a background with the CIELCh color 93, 10.213, 273.555.



This preview shows how white text looks on a background with the CIELCh color 93, 10.213, 273.555.

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](#).

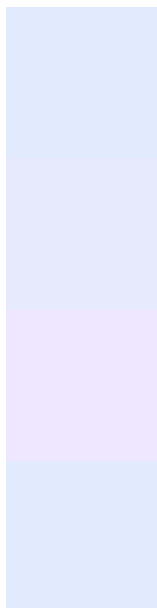
Dichromacy





Tritanopia
93, 10.213, 273.555

Trichromacy



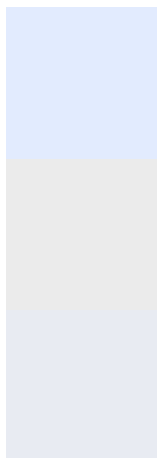
Original Color
93, 10.213, 273.555

Protanomaly
93, 9.848, 284.981

Deuteranomaly
93, 12.750, 303.576

Tritanomaly
93, 10.213, 273.555

Monochromacy



Original Color
93, 10.213, 273.555

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 3.751, 274.277

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 10.213, 273.555 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, 235, 254)` looks like.

```
.text, #text, p{  
    color:rgb(226, 235, 254)  
}
```

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, 235, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 235, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 10.213, 273.555 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, 235, 254) }
```

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

```
.border{ border-color:rgb(226, 235, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 235, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 235, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 235, 254);  
box-shadow:4px 4px 4px 4px rgb(226, 235,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 10.213, 273.555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 235, 254) }
```

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

```
.background{ background-color: rgb(226,  
235, 254) }
```

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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