

Converting Colors

CIELCh(94, 18.492, 285.675)

Have a look what the booklet for
CIELCh(94, 18.492, 285.675)
contains.

CIELCh(93, 9.971, 279.138)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(93, 9.971, 279.138)

Conversions

Conversions Part 1

Format	Color
Hex	E5EBFE
RGB	229, 235, 254
RGB Percent	90%, 92%, 100%
CMY	0.1032, 0.0797, 0.0053
CMYK	0.10, 0.07, 0.00, 0.01
HSL	226°, 90%, 95%
HSV	226°, 10%, 99%
XYZ	79.6577, 82.9670, 105.2901
YIQ	235.3720, -9.6750, 4.6370

Conversions

Conversions Part 2

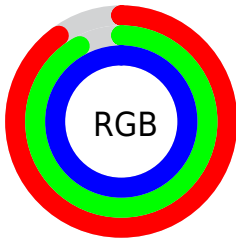
Format	Color
R _Y B	229, 234, 254
Decimal	15068158
CIE Lab	93.00, 1.58, -9.84
CIE LCh	93, 9.971, 279.138
Yxy	82.9670, 0.2973, 0.3097
Android (android.graphics.Color)	4293258238 (0xFFE5EBFE)
YUV	235.3720, 9.1836, -5.5882
Hunter-Lab	91.0862, -3.2972, -4.7752

Details

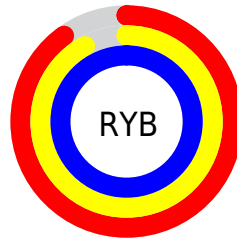
The CIELCh color **93, 9.971, 279.138** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **97, 9.883, 96.695**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 9.961, 278.784** is the 20% darker color. If you saturate the color by 10%, you get **86, 20.347, 280.575**, and if you desaturate by 10%, it is **100, 0.142, 96.340**.

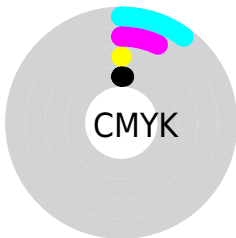
Distribution



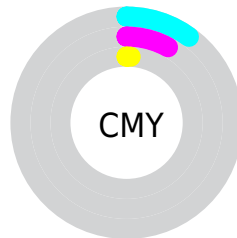
- Red (90%)
- Green (92%)
- Blue (100%)



- Red (90%)
- Yellow (92%)
- Blue (100%)



- Cyan (10%)
- Magenta (7%)
- Yellow (0%)
- Black (1%)



- Cyan (10%)
- Magenta (8%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 9.971, 279.138 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, 9.971, 279.138 by changing the saturation by 10% instead.

■ 93, 9.971, 279.138

■ 93, 9.971, 279.138

■ 100, 9.971,
279.138

■ 83, 9.971, 279.138

■ 73, 9.971, 279.138

■ 63, 9.971, 279.138

■ 53, 9.971, 279.138

■ 43, 9.971, 279.138

■ 33, 9.971, 279.138

■ 23, 9.971, 279.138

■ 13, 9.971, 279.138

■ 3, 9.971, 279.138

93, 9.971, 279.138

93, 9.971, 279.138

86, 20.347,
280.575

100, 0.142, 96.340

80, 31.012,
282.276

100, 0.671,
110.012

73, 41.992,
284.268

67, 53.323,
286.586

60, 65.036,
289.245

54, 77.132,
292.217

48, 89.489,
295.401

43, 101.728,
298.604

■ 39,113.095,
301.520

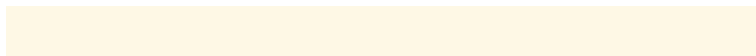
Harmonies

Complementary

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



93, 9.971, 279.138



97, 9.883, 96.695

Rectangle

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



93, 9.971, 279.138



93, 9.971, 329.138



93, 9.971, 99.138



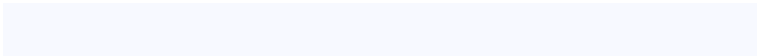
93, 9.971, 149.138

Sweetspot

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



93, 9.969, 279.129



98, 3.031, 278.305



98, 9.238, 178.671



52, 2.299, 278.387



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, 9.969, 279.129



92, 12.233, 279.421



92, 13.150, 300.555



50, 5.779, 279.085



29, 90.153, 301.068



6, 36.068, 296.265

Inverse Universe

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



93, 9.516, 1.122



92, 11.706, 1.361



98, 12.881, 119.297



50, 5.513, 1.085



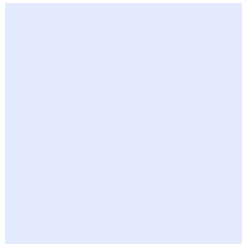
40, 73.053, 26.433



10, 31.753, 16.565

Previews

White Background



This preview shows how the CIELCh color 93, 9.971, 279.138 looks on a white background.

Color Contrast Check

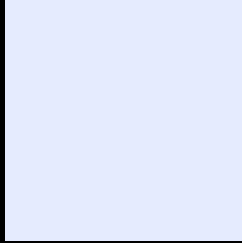
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 93, 9.971, 279.138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

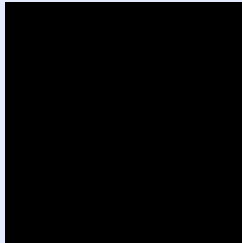
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 9.971, 279.138

Background



This preview shows how black text looks on a background with the CIELCh color 93, 9.971, 279.138.



This preview shows how white text looks on a background with the CIELCh color 93, 9.971, 279.138.

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



Original Color

93, 9.978, 279.143

Protanopia

93, 10.346, 292.894

Deuteranopia

93, 15.654, 317.449



Tritanopia
93, 9.475, 278.443

Trichromacy



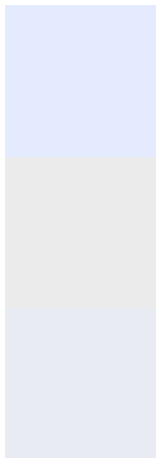
Original Color
93, 9.978, 279.143

Protanomaly
93, 9.824, 286.963

Deuteranomaly
93, 13.525, 307.412

Tritanomaly
93, 9.475, 278.443

Monochromacy



Original Color
93, 9.978, 279.143

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 3.675, 279.524

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 9.971, 279.138 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(229, 235, 254)` looks like.

```
.text, #text, p{  
    color:rgb(229, 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(229, 235, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 235, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 9.971, 279.138 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(229, 235, 254) }
```

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

```
.border{ border-color:rgb(229, 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(229, 235, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 235, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 235, 254);  
box-shadow:4px 4px 4px 4px rgb(229, 235,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 9.971, 279.138 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, 254) }
```

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

```
.background{ background-color: rgb(229,  
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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