

Converting Colors

CIELCh(93, 10.069, 260.492)

Have a look what the booklet for
CIELCh(93, 10.069, 260.492)
contains.

CIELCh(93, 10.028, 260.499)	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, 10.028, 260.499)

Conversions

Conversions Part 1

Format	Color
Hex	DEEDFE
RGB	222, 237, 254
RGB Percent	87%, 93%, 100%
CMY	0.1308, 0.0720, 0.0053
CMYK	0.13, 0.07, 0.00, 0.01
HSL	212°, 92%, 93%
HSV	212°, 13%, 99%
XYZ	78.0271, 82.9670, 105.3636
YIQ	234.4530, -14.3970, 2.1070

Conversions

Conversions Part 2

Format	Color
R _Y B	222, 232, 254
Decimal	14609918
CIE Lab	93.00, -1.66, -9.89
CIE LCh	93, 10.028, 260.499
Yxy	82.9670, 0.2929, 0.3115
Android (android.graphics.Color)	4292799998 (0xFFDEEDFE)
YUV	234.4530, 9.6367, -10.9213
Hunter-Lab	91.0862, -6.4926, -4.8230

Details

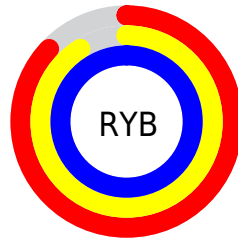
The CIELCh color **93, 10.028, 260.499** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95, 10.283, 77.081**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 9.874, 261.083** is the 20% darker color. If you saturate the color by 10%, you get **88, 17.925, 262.131**, and if you desaturate by 10%, it is **98, 2.088, 259.239**.

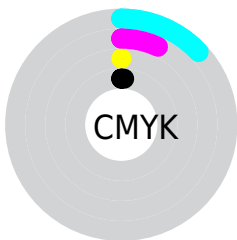
Distribution



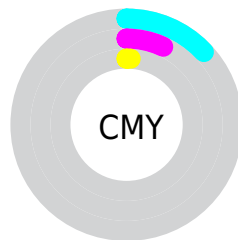
- Red (87%)
- Green (93%)
- Blue (100%)



- Red (87%)
- Yellow (91%)
- Blue (100%)



- Cyan (13%)
- Magenta (7%)
- Yellow (0%)
- Black (1%)





- Cyan (13%)
- Magenta (7%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 10.028, 260.499 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, 10.028, 260.499 by changing the saturation by 10% instead.

 93, 10.028,
260.499


 93, 10.028,
260.499


 100, 10.028,
260.499


 83, 10.028,
260.499

 73, 10.028,
260.499

 63, 10.028,
260.499

 53, 10.028,
260.499

 43, 10.028,
260.499

 33, 10.028,
260.499

 23, 10.028,

260.499

■ 13, 10.028,
260.499

■ 3, 10.028, 260.499

■ 93, 10.028,
260.499

■ 93, 10.028,
260.499

■ 88, 17.925,
262.131

■ 98, 2.088, 259.239

■ 83, 25.758,
264.093

100, 0.679,
110.013

■ 78, 33.511,
266.426

■ 73, 41.183,
269.185

■ 68, 48.798,
272.414

■ 63, 56.418,
276.119

■ 59, 64.134,
280.245

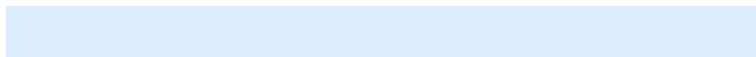
■ 55, 72.042,
284.646

■ 52, 78.053,
287.879

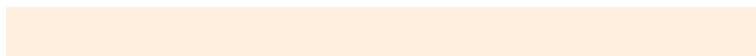
Harmonies

Complementary

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



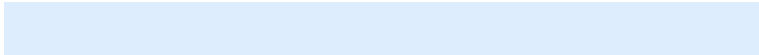
93, 10.028, 260.499



95, 10.283, 77.081

Rectangle

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



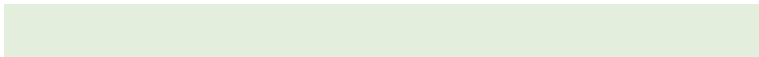
93, 10.028, 260.499



93, 10.028, 310.499



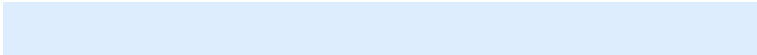
93, 10.028, 80.499



93, 10.028, 130.499

Sweetspot

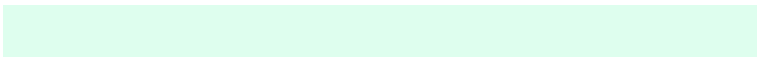
The Sweet Spot groups the original color and five complimentary colors.



93, 10.027, 260.488



98, 3.204, 259.352



97, 13.753, 163.498



52, 2.276, 259.432



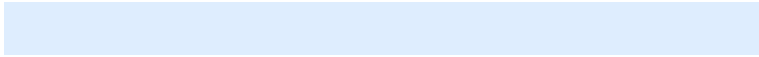
0, 0.000, 0.000



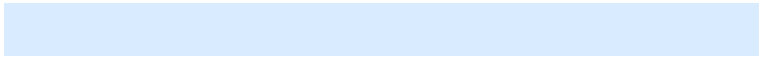
53, 0.007, 296.813

Same Dimension

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



93, 10.027, 260.488



92, 11.968, 260.854



89, 16.682, 292.148



50, 4.543, 260.040



40, 62.019, 287.089



11, 25.104, 280.787

Inverse Universe

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



91, 13.867, 346.441



90, 16.611, 346.676



99, 16.202, 109.639



50, 6.253, 346.141



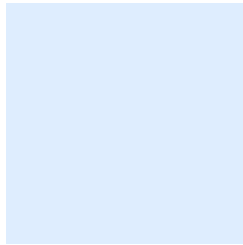
41, 68.026, 5.105



10, 31.610, 359.029

Previews

White Background



This preview shows how the CIE LCh color 93, 10.028, 260.499 looks on a white background.

Color Contrast Check

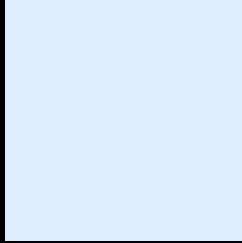
Large Text (above 18pt) WCAG AA × Fail

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, 10.028, 260.499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

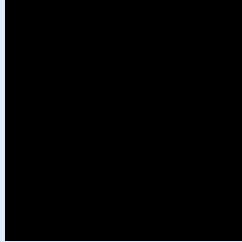
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

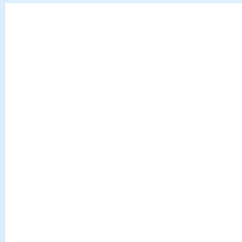
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 10.028, 260.499

Background



This preview shows how black text looks on a background with the CIELCh color 93, 10.028, 260.499.



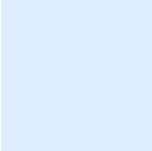
This preview shows how white text looks on a background with the CIELCh color 93, 10.028, 260.499.

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](#).

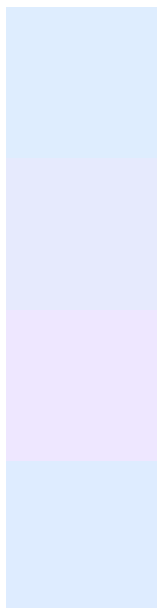
Dichromacy





Tritanopia
93, 10.786, 264.987

Trichromacy



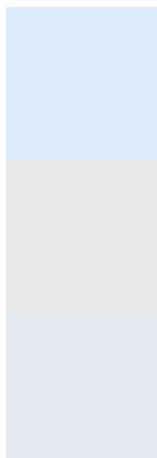
Original Color
93, 10.028, 260.499

Protanomaly
93, 9.883, 283.016

Deuteranomaly
93, 12.678, 302.057

Tritanomaly
93, 10.786, 264.987

Monochromacy



Original Color
93, 10.028, 260.499

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 3.534, 260.871

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 10.028, 260.499 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(222, 237, 254)` looks like.

```
.text, #text, p{  
    color:rgb(222, 237, 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(222, 237, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 237, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 10.028, 260.499 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(222, 237, 254) }
```

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

```
.border{ border-color:rgb(222, 237, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 237, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 237, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 237, 254);  
box-shadow:4px 4px 4px 4px rgb(222, 237,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 10.028, 260.499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 237, 254) }
```

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

```
.background{ background-color: rgb(222,  
237, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor