

Converting Colors

CIELCh(93, 17.881, 278.199)

Have a look what the booklet for
CIELCh(93, 17.881, 278.199)
contains.

CIELCh(93, 11.129, 267.795)	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, 11.129, 267.795)

Conversions

Conversions Part 1

Format	Color
Hex	DFE0FF
RGB	223, 236, 255
RGB Percent	87%, 93%, 100%
CMY	0.1255, 0.0745, 0.0000
CMYK	0.13, 0.07, 0.00, 0.00
HSL	216°, 100%, 94%
HSV	216°, 13%, 100%
XYZ	78.6423, 82.9670, 107.3417
YIQ	234.2790, -13.8470, 3.1530

Conversions

Conversions Part 2

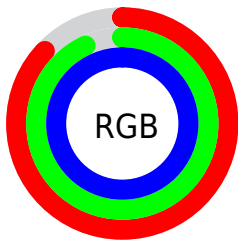
Format	Color
R _Y B	223, 232, 255
Decimal	14675199
CIE Lab	93.00, -0.43, -11.12
CIE LCh	93, 11.129, 267.795
Yxy	82.9670, 0.2924, 0.3085
Android (android.graphics.Color)	4292865279 (0xFFDFE0FF)
YUV	234.2790, 10.2155, -9.8917
Hunter-Lab	91.0862, -5.2871, -6.1107

Details

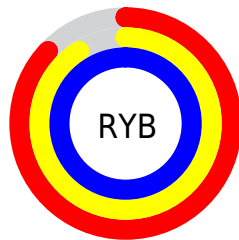
The CIELCh color **93, 11.129, 267.795** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **96, 10.793, 83.172**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 10.549, 267.553** is the 20% darker color. If you saturate the color by 10%, you get **87, 19.181, 268.231**, and if you desaturate by 10%, it is **99, 2.164, 265.303**.

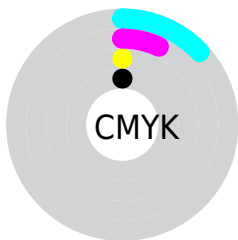
Distribution



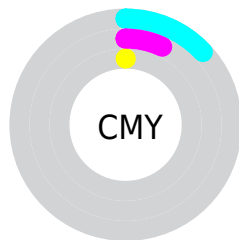
- Red (87%)
- Green (93%)
- Blue (100%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 11.129, 267.795 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, 11.129, 267.795 by changing the saturation by 10% instead.

■ 93, 11.129,
267.795

■ 93, 11.129,
267.795

■ 100, 11.129,
267.795

■ 83, 11.129,
267.795

■ 73, 11.129,
267.795

■ 63, 11.129,
267.795

■ 53, 11.129,
267.795

■ 43, 11.129,
267.795

■ 33, 11.129,
267.795

■ 23, 11.129,

267.795

■ 13, 11.129,
267.795

■ 3, 11.129, 267.795

■ 93, 11.129,
267.795

■ 93, 11.129,
267.795

■ 87, 19.181,
268.231

■ 99, 2.164, 265.303

■ 82, 27.751,
270.178

100, 0.012,
296.813

■ 76, 36.358,
272.474

■ 71, 45.017,
275.167

■ 66, 53.765,
278.288

■ 61, 62.660,
281.831

■ 56, 71.769,
285.723

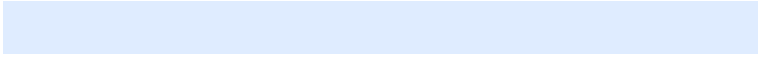
■ 51, 81.117,
289.805

■ 48, 88.203,
292.778

Harmonies

Complementary

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



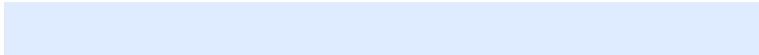
93, 11.129, 267.795



96, 10.793, 83.172

Rectangle

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



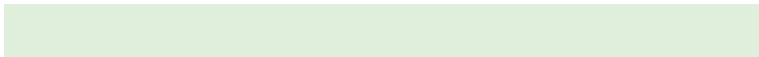
93, 11.129, 267.795



93, 11.129, 317.795



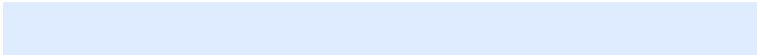
93, 11.129, 87.795



93, 11.129, 137.795

Sweetspot

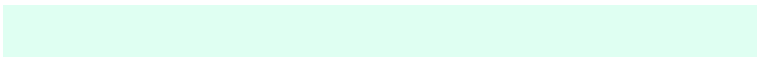
The Sweet Spot groups the original color and five complimentary colors.



93, 10.649, 266.587



98, 3.391, 265.436



97, 13.103, 167.301



52, 2.410, 265.520



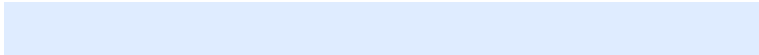
0, 0.000, 0.000



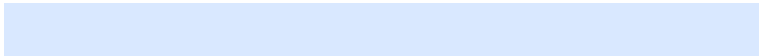
53, 0.007, 296.813

Same Dimension

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



93, 10.649, 266.587



92, 12.736, 266.964



90, 16.700, 294.610



50, 4.821, 266.143



36, 69.741, 292.053



10, 28.031, 286.279

Inverse Universe

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



92, 13.331, 350.141



90, 15.992, 350.397



99, 16.227, 112.395



50, 6.012, 349.829



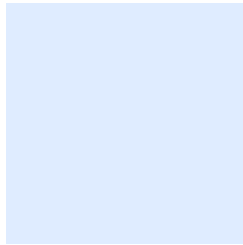
41, 68.250, 11.171



10, 31.314, 4.233

Previews

White Background



This preview shows how the CIE LCh color 93, 11.129, 267.795 looks on a white background.

Color Contrast Check

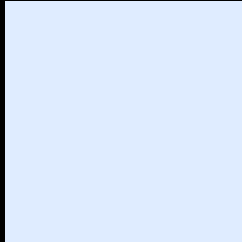
Large Text (above 18pt) WCAG AA × Fail

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, 11.129, 267.795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

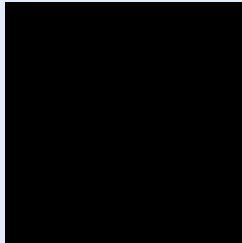
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

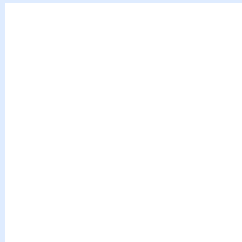
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 11.129, 267.795

Background



This preview shows how black text looks on a background with the CIELCh color 93, 11.129, 267.795.



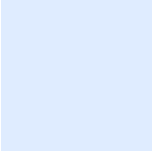
This preview shows how white text looks on a background with the CIELCh color 93, 11.129, 267.795.

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](#).

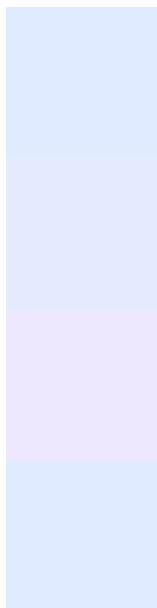
Dichromacy





Tritanopia
93, 10.652, 266.616

Trichromacy



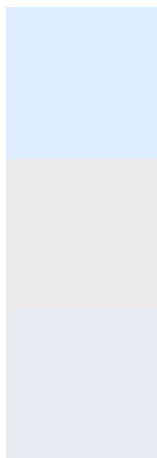
Original Color
93, 10.652, 266.616

Protanomaly
93, 10.437, 281.613

Deuteranomaly
93, 12.095, 300.899

Tritanomaly
93, 10.652, 266.616

Monochromacy



Original Color
93, 10.652, 266.616

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 3.989, 264.603

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 11.129, 267.795 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(223, 236, 255)` looks like.

```
.text, #text, p{  
    color:rgb(223, 236, 255)  
}
```

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(223, 236, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 236, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 11.129, 267.795 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(223, 236, 255) }
```

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

```
.border{ border-color:rgb(223, 236, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 236, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 236, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 236, 255); box-shadow:4px 4px 4px 4px rgb(223, 236, 255) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 11.129, 267.795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 236, 255) }
```

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

```
.background{ background-color: rgb(223,  
236, 255) }
```

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