

Converting Colors

CIELCh(97, 61.269, 285.624)

Have a look what the booklet for
CIELCh(97, 61.269, 285.624)
contains.

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Color

CIElCh(93, 13.504, 228.666)

Conversions

Conversions Part 1

Format	Color
Hex	CDF1FE
RGB	205, 241, 254
RGB Percent	80%, 95%, 100%
CMY	0.1964, 0.0553, 0.0044
CMYK	0.19, 0.05, 0.00, 0.00
HSL	196°, 96%, 90%
HSV	196°, 19%, 100%
XYZ	74.4515, 82.9670, 105.7625
YIQ	231.7180, -25.6290, -3.5890

Conversions

Conversions Part 2

Format	Color
R _Y B	205, 226, 254
Decimal	13496830
CIE Lab	93.00, -8.92, -10.14
CIE LCh	93, 13.504, 228.666
Yxy	82.9670, 0.2829, 0.3152
Android (android.graphics.Color)	4291686910 (0xFFCDF1FE)
YUV	231.7180, 10.9850, -23.4317
Hunter-Lab	91.0862, -13.4996, -5.0827

Details

The CIELCh color **93, 13.504, 228.666** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **90, 15.208, 46.332**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 13.454, 227.727** is the 20% darker color. If you saturate the color by 10%, you get **90, 19.896, 229.673**, and if you desaturate by 10%, it is **96, 6.668, 227.918**.

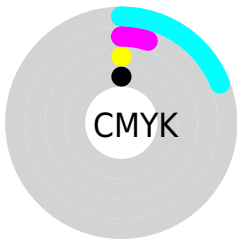
Distribution



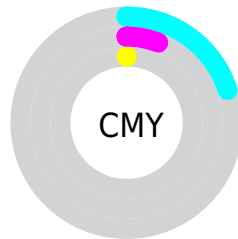
- Red (80%)
- Green (95%)
- Blue (100%)



- Red (80%)
- Yellow (89%)
- Blue (100%)



- Cyan (19%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 13.504, 228.666 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, 13.504, 228.666 by changing the saturation by 10% instead.

■ 93, 13.504,
228.666

■ 93, 13.504,
228.666

■ 100, 13.504,
228.666

■ 83, 13.504,
228.666

■ 73, 13.504,
228.666

■ 63, 13.504,
228.666

■ 53, 13.504,
228.666

■ 43, 13.504,
228.666

■ 33, 13.504,
228.666

■ 23, 13.504,

228.666

■ 13, 13.504,
228.666

■ 3, 13.504, 228.666

■ 93, 13.504,
228.666

■ 93, 13.504,
228.666

■ 90, 19.896,
229.673

■ 96, 6.668, 227.918

100, 0.319, 66.147

■ 87, 25.748,
231.004

100, 0.552,
109.996

■ 84, 30.964,
232.724

■ 81, 35.464,
234.924

■ 78, 39.210,
237.699

■ 76, 42.221,
241.136

■ 73, 44.606,
245.285

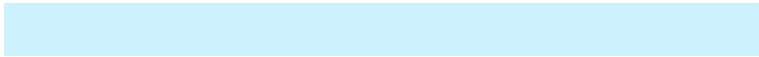
■ 71, 46.602,
250.052

■ 71, 46.747,
250.395

Harmonies

Complementary

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



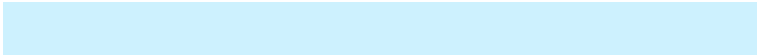
93, 13.504, 228.666



90, 15.208, 46.332

Rectangle

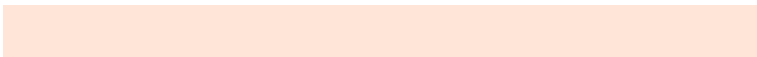
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 13.504, 228.666



93, 13.504, 278.666



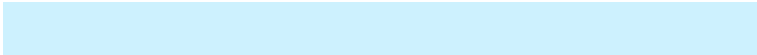
93, 13.504, 48.666



93, 13.504, 98.666

Sweetspot

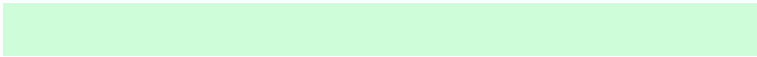
The Sweet Spot groups the original color and five complimentary colors.



93, 13.504, 228.658



98, 4.356, 227.753



95, 25.707, 150.939



52, 2.885, 227.781



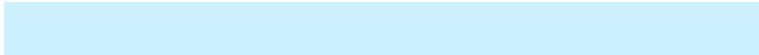
0, 0.000, 0.000



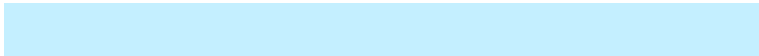
53, 0.007, 296.813

Same Dimension

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



93, 13.504, 228.658



92, 15.990, 229.002



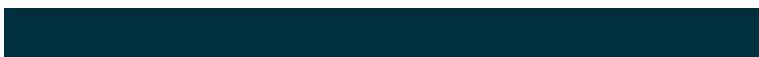
87, 19.549, 279.858



51, 4.095, 227.931



55, 37.553, 249.481



17, 16.677, 242.866

Inverse Universe

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



87, 25.580, 334.219



86, 30.643, 334.491



95, 19.296, 94.888



50, 7.525, 333.518



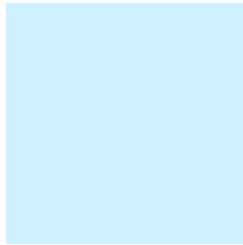
43, 76.045, 342.440



11, 35.775, 340.291

Previews

White Background



This preview shows how the CIE LCh color 93, 13.504, 228.666 looks on a white background.

Color Contrast Check

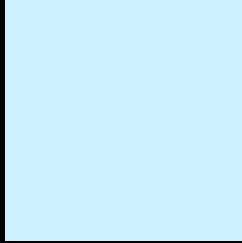
Large Text (above 18pt) WCAG AA × Fail

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, 13.504, 228.666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

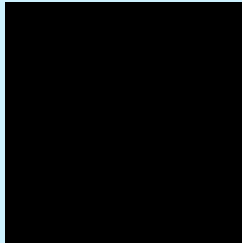
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 13.504, 228.666

Background



This preview shows how black text looks on a background with the CIELCh color 93, 13.504, 228.666.

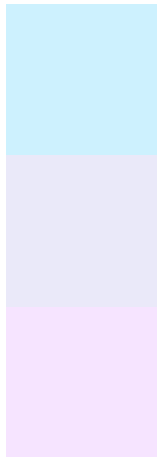


This preview shows how white text looks on a background with the CIELCh color 93, 13.504, 228.666.

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, 13.511, 228.672

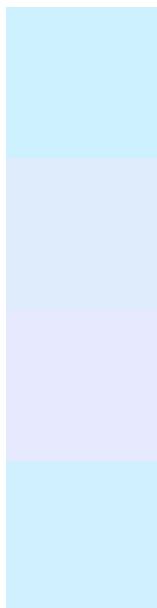
Protanopia
93, 8.282, 293.225

Deuteranopia
93, 15.358, 315.101



Tritanopia
93, 12.283, 241.395

Trichromacy



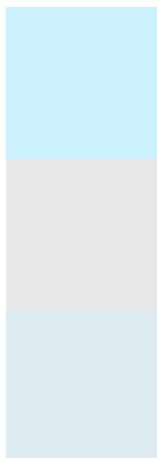
Original Color
93, 13.511, 228.672

Protanomaly
93, 8.833, 260.748

Deuteranomaly
93, 11.377, 287.648

Tritanomaly
93, 12.707, 236.582

Monochromacy



Original Color
93, 13.511, 228.672

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 5.154, 229.405

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 13.504, 228.666 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(205, 241, 254)` looks like.

```
.text, #text, p{  
    color:rgb(205, 241, 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(205, 241, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 241, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 13.504, 228.666 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(205, 241, 254) }
```

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

```
.border{ border-color:rgb(205, 241, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 241, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 241, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 241, 254);  
box-shadow:4px 4px 4px 4px rgb(205, 241,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 13.504, 228.666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 241, 254) }
```

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

```
.background{ background-color: rgb(205,  
241, 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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