

Converting Colors

CIE LCh(93, 12.096, 218.037)

Have a look what the booklet for
CIELCh(93, 12.096, 218.037)
contains.

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Color

CIECh(93, 12.021, 218.930)

Conversions

Conversions Part 1

Format	Color
Hex	CFF1F9
RGB	207, 241, 249
RGB Percent	81%, 95%, 98%
CMY	0.1885, 0.0551, 0.0238
CMYK	0.17, 0.03, 0.00, 0.02
HSL	191°, 78%, 89%
HSV	191°, 17%, 98%
XYZ	74.2421, 82.9670, 101.6736
YIQ	231.7460, -22.8320, -4.7200

Conversions

Conversions Part 2

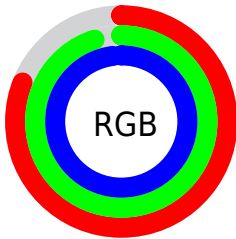
Format	Color
R_{YB}	207, 226, 249
Decimal	13627897
CIE _{Lab}	93.00, -9.35, -7.55
CIE _{LCh}	93, 12.021, 218.930
Yxy	82.9670, 0.2868, 0.3205
Android (android.graphics.Color)	4291817977 (0xFFCFF1F9)
YUV	231.7460, 8.5062, -21.7022
Hunter-Lab	91.0862, -13.9101, -2.4212

Details

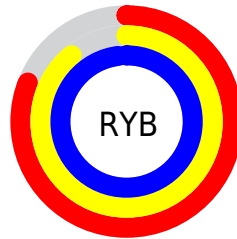
The CIELCh color **93, 12.021, 218.930** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **89, 13.437, 38.143**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 12.129, 219.692** is the 20% darker color. If you saturate the color by 10%, you get **90, 18.530, 219.420**, and if you desaturate by 10%, it is **96, 5.030, 218.651**.

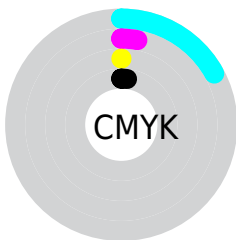
Distribution



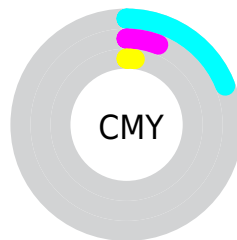
- Red (81%)
- Green (95%)
- Blue (98%)



- Red (81%)
- Yellow (89%)
- Blue (98%)



- Cyan (17%)
- Magenta (3%)
- Yellow (0%)
- Black (2%)





- Cyan (19%)
- Magenta (6%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 12.021, 218.930 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, 12.021, 218.930 by changing the saturation by 10% instead.


 93, 12.021,
218.930


 93, 12.021,
218.930


 100, 12.021,
218.930


 83, 12.021,
218.930

 73, 12.021,
218.930

 63, 12.021,
218.930

 53, 12.021,
218.930

 43, 12.021,
218.930

 33, 12.021,
218.930

 23, 12.021,

218.930

■ 13, 12.021,
218.930

■ 3, 12.021, 218.930

■ 93, 12.021,
218.930

■ 93, 12.021,
218.930

■ 90, 18.530,
219.420

■ 96, 5.030, 218.651

■ 88, 24.443,
220.151

■ 99, 1.768, 44.329

■ 85, 29.645,
221.165

■ 100, 3.062,
109.924

■ 83, 34.031,
222.531

■ 81, 37.524,
224.326

■ 79, 40.097,
226.635

■ 77, 41.800,
229.535

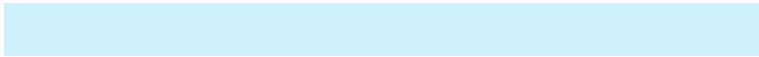
■ 76, 42.780,
233.063

■ 75, 43.025,
234.241

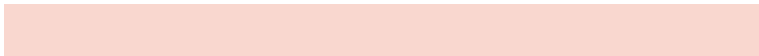
Harmonies

Complementary

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



93, 12.021, 218.930



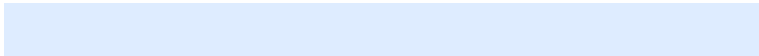
89, 13.437, 38.143

Rectangle

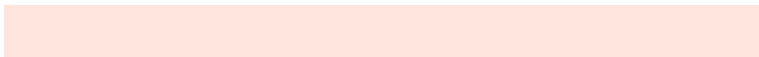
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 12.021, 218.930



93, 12.021, 268.930



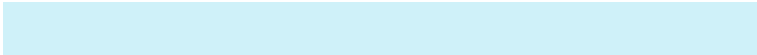
93, 12.021, 38.930



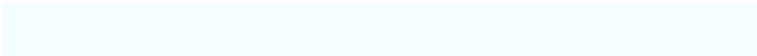
93, 12.021, 88.930

Sweetspot

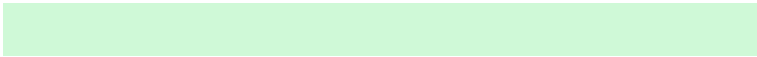
The Sweet Spot groups the original color and five complimentary colors.



93, 12.021, 218.921



98, 3.750, 218.649



94, 23.226, 148.808



52, 2.554, 218.646



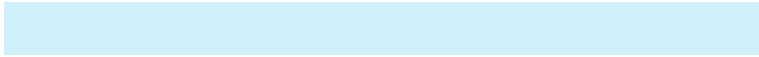
0, 0.000, 0.000



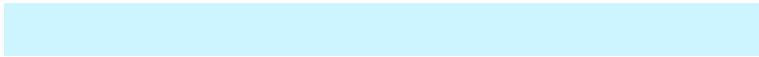
53, 0.007, 296.813

Same Dimension

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



93, 12.021, 218.921



94, 14.392, 219.055



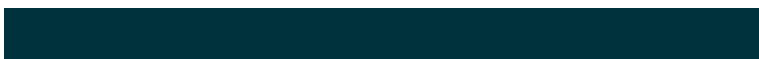
88, 15.535, 274.790



51, 4.147, 218.692



58, 34.896, 233.531



18, 15.710, 228.278

Inverse Universe

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



88, 23.187, 331.242



88, 28.059, 331.451



94, 15.536, 90.297



49, 7.806, 330.758



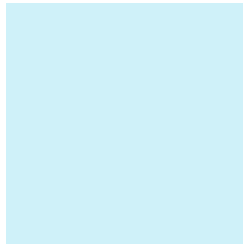
43, 79.465, 337.594



11, 36.612, 336.194

Previews

White Background



This preview shows how the CIE LCh color 93, 12.021, 218.930 looks on a white background.

Color Contrast Check

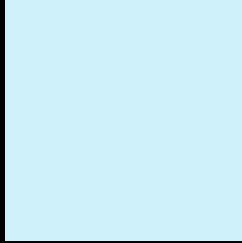
Large Text (above 18pt) WCAG AA × Fail

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, 12.021, 218.930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

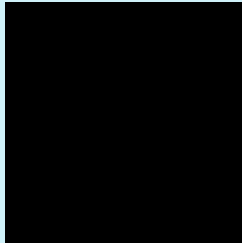
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 12.021, 218.930

Background



This preview shows how black text looks on a background with the CIELCh color 93, 12.021, 218.930.



This preview shows how white text looks on a background with the CIELCh color 93, 12.021, 218.930.

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](#).

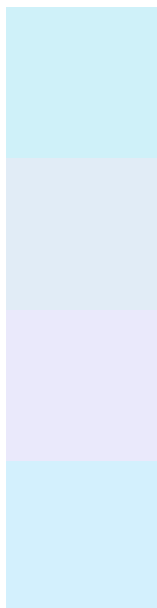
Dichromacy





Tritanopia
93, 11.816, 243.518

Trichromacy



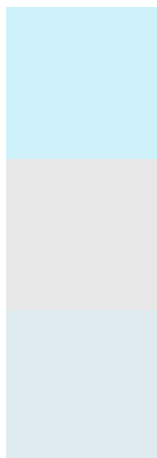
Original Color
93, 12.021, 218.930

Protanomaly
93, 6.341, 253.952

Deuteranomaly
93, 9.314, 293.032

Tritanomaly
93, 11.639, 234.244

Monochromacy



Original Color
93, 12.021, 218.930

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 4.433, 219.783

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 12.021, 218.930 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(207, 241, 249)` looks like.

```
.text, #text, p{  
    color:rgb(207, 241, 249)  
}
```

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(207, 241, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 241, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 12.021, 218.930 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(207, 241, 249) }
```

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

```
.border{ border-color:rgb(207, 241, 249) }
```

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

Here you see how a box with a 4 pixel rgb(207, 241, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 241, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 241, 249);  
box-shadow:4px 4px 4px 4px rgb(207, 241,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 12.021, 218.930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 241, 249) }
```

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

```
.background{ background-color: rgb(207,  
241, 249) }
```

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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