

Converting Colors

CIELCh(93, 12.204, 201.096)

Have a look what the booklet for
CIELCh(93, 12.204, 201.096)
contains.

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Color

CIECh(93, 12.197, 201.098)

Conversions

Conversions Part 1

Format	Color
Hex	CEF2F3
RGB	206, 242, 243
RGB Percent	81%, 95%, 95%
CMY	0.1928, 0.0516, 0.0477
CMYK	0.15, 0.00, 0.00, 0.05
HSL	182°, 60%, 88%
HSV	182°, 15%, 95%
XYZ	73.2654, 82.9670, 96.8175
YIQ	231.3500, -21.7770, -7.3210

Conversions

Conversions Part 2

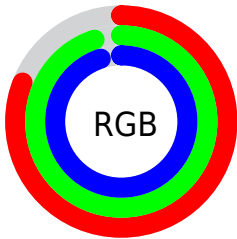
Format	Color
R_{YB}	206, 224, 243
Decimal	13562611
CIE _{Lab}	93.00, -11.38, -4.39
CIE _{LCh}	93, 12.197, 201.098
Yxy	82.9670, 0.2895, 0.3279
Android (android.graphics.Color)	4291752691 (0xFFCEF2F3)
YUV	231.3500, 5.7435, -22.2319
Hunter-Lab	91.0862, -15.8240, 0.7398

Details

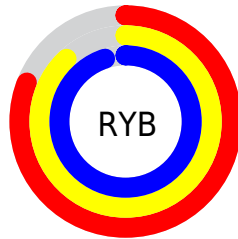
The CIELCh color **93, 12.197, 201.098** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **86, 13.484, 22.575**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 12.313, 201.014** is the 20% darker color. If you saturate the color by 10%, you get **91, 19.548, 200.696**, and if you desaturate by 10%, it is **95, 4.304, 201.617**.

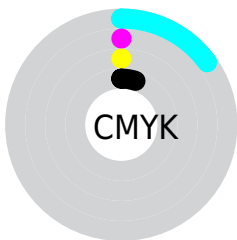
Distribution



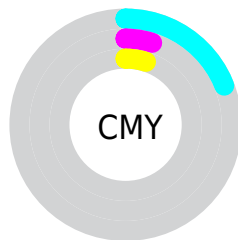
- Red (81%)
- Green (95%)
- Blue (95%)



- Red (81%)
- Yellow (88%)
- Blue (95%)



- Cyan (15%)
- Magenta (0%)
- Yellow (0%)
- Black (5%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 12.197, 201.098 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, 12.197, 201.098 by changing the saturation by 10% instead.


 93, 12.197,
201.098


 93, 12.197,
201.098


 100, 12.197,
201.098


 83, 12.197,
201.098

 73, 12.197,
201.098

 63, 12.197,
201.098

 53, 12.197,
201.098

 43, 12.197,
201.098

 33, 12.197,
201.098

 23, 12.197,

201.098

■ 13, 12.197,
201.098

■ 3, 12.197, 201.098

■ 93, 12.197,
201.098

■ 93, 12.197,
201.098

■ 91, 19.548,
200.696

■ 95, 4.304, 201.617

■ 90, 26.219,
200.383

■ 97, 4.004, 21.784

■ 97, 4.007, 26.559

■ 89, 32.075,
200.155

■ 97, 3.830, 31.917

■ 88, 36.996,
200.022

■ 97, 3.691, 37.734

■ 97, 3.592, 43.937

■ 87, 40.890,
199.994

■ 98, 3.537, 50.409

■ 86, 43.715,
200.078

■ 98, 3.529, 56.992

■ 86, 45.492,
200.279

■ 98, 3.568, 63.516

■ 85, 46.317,
200.597

■ 85, 46.490,
200.778

Harmonies

Complementary

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



93, 12.197, 201.098



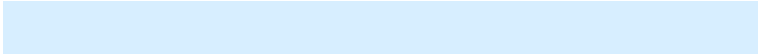
86, 13.484, 22.575

Rectangle

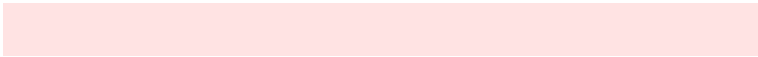
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



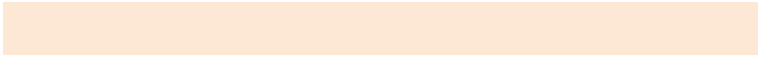
93, 12.197, 201.098



93, 12.197, 251.098



93, 12.197, 21.098



93, 12.197, 71.098

Sweetspot

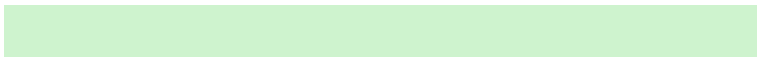
The Sweet Spot groups the original color and five complimentary colors.



93, 12.198, 201.090



99, 4.279, 201.633



92, 23.103, 143.945



53, 2.915, 201.582



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, 12.198, 201.090



97, 14.865, 200.970



88, 11.529, 259.361



50, 4.654, 201.361



67, 38.105, 200.703



21, 17.023, 200.111

Inverse Universe

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



87, 22.967, 326.004



89, 28.256, 326.164



90, 11.939, 75.263



48, 8.600, 325.674



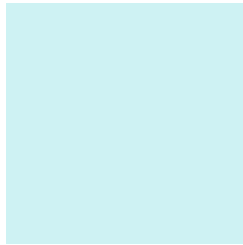
44, 89.323, 329.332



11, 39.825, 329.183

Previews

White Background



This preview shows how the CIE LCh color 93, 12.197, 201.098 looks on a white background.

Color Contrast Check

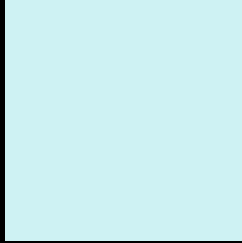
Large Text (above 18pt) WCAG AA × Fail

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, 12.197, 201.098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

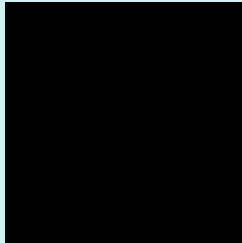
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

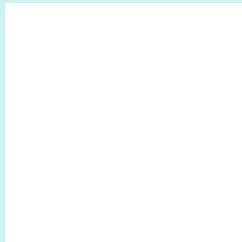
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 12.197, 201.098

Background



This preview shows how black text looks on a background with the CIELCh color 93, 12.197, 201.098.



This preview shows how white text looks on a background with the CIELCh color 93, 12.197, 201.098.

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](#).

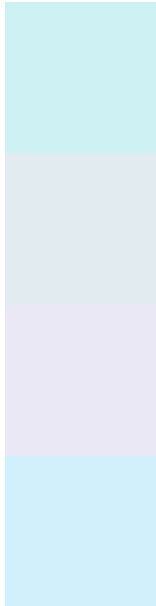
Dichromacy





Tritanopia
93, 11.816, 243.518

Trichromacy



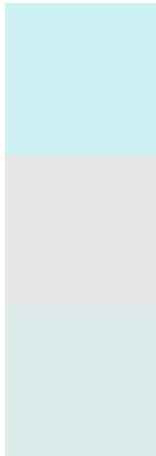
Original Color
93, 12.197, 201.098

Protanomaly
93, 4.018, 230.320

Deuteranomaly
93, 6.821, 299.521

Tritanomaly
93, 11.415, 228.813

Monochromacy



Original Color
93, 12.197, 201.098

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 4.548, 199.236

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 12.197, 201.098 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(206, 242, 243)` looks like.

```
.text, #text, p{  
    color:rgb(206, 242, 243)  
}
```

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(206, 242, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 242, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 12.197, 201.098 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(206, 242, 243) }
```

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

```
.border{ border-color:rgb(206, 242, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 242, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 242, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 242, 243);  
box-shadow:4px 4px 4px 4px rgb(206, 242,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 12.197, 201.098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 242, 243) }
```

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

```
.background{ background-color: rgb(206,  
242, 243) }
```

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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