

Converting Colors

CIE LCh(93, 9.810, 191.277)

Have a look what the booklet for
CIELCh(93, 9.810, 191.277) contains.

CIELCh(93, 9.809, 189.716)	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, 9.809, 189.716)

Conversions

Conversions Part 1

Format	Color
Hex	D5F1EE
RGB	213, 241, 238
RGB Percent	84%, 95%, 93%
CMY	0.1660, 0.0562, 0.0679
CMYK	0.12, 0.00, 0.01, 0.06
HSL	174°, 49%, 89%
HSV	174°, 12%, 94%
XYZ	74.0889, 82.9670, 92.7453
YIQ	232.2860, -15.7250, -6.8690

Conversions

Conversions Part 2

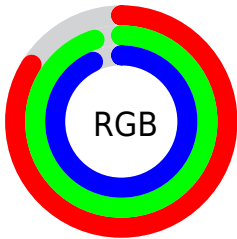
Format	Color
RYB	213, 228, 241
Decimal	14021102
CIELab	93.00, -9.67, -1.66
CIELCh	93, 9.809, 189.716
Yxy	82.9670, 0.2966, 0.3321
Android (android.graphics.Color)	4292211182 (0xFFD5F1EE)
YUV	232.2860, 2.8170, -16.9138
Hunter-Lab	91.0862, -14.2103, 3.3904

Details

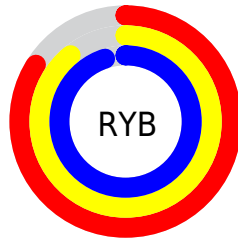
The CIELCh color **93, 9.809, 189.716** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **87, 10.411, 11.517**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 9.896, 189.155** is the 20% darker color. If you saturate the color by 10%, you get **91, 17.828, 188.877**, and if you desaturate by 10%, it is **95, 1.399, 190.871**.

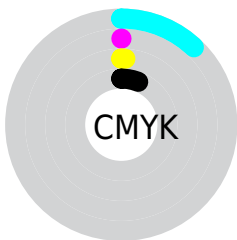
Distribution



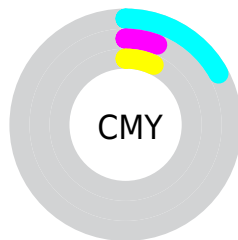
- Red (84%)
- Green (95%)
- Blue (93%)



- Red (84%)
- Yellow (89%)
- Blue (95%)



- Cyan (12%)
- Magenta (0%)
- Yellow (1%)
- Black (6%)



- Cyan (17%)
- Magenta (6%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 9.809, 189.716 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, 9.809, 189.716 by changing the saturation by 10% instead.

■ 93, 9.809, 189.716

■ 93, 9.809, 189.716

■ 100, 9.809,
189.716

■ 83, 9.809, 189.716

■ 73, 9.809, 189.716

■ 63, 9.809, 189.716

■ 53, 9.809, 189.716

■ 43, 9.809, 189.716

■ 33, 9.809, 189.716

■ 23, 9.809, 189.716

■ 13, 9.809, 189.716

■ 3, 9.809, 189.716

93, 9.809, 189.716

93, 9.809, 189.716

91, 17.828,
188.877

95, 1.399, 190.871

90, 25.312,
188.048

96, 5.223, 7.452

89, 32.117,
187.201

96, 5.647, 354.276

88, 38.102,
186.323

96, 6.325, 343.443

87, 43.147,
185.399

96, 7.185, 334.970


87, 47.172,
184.413

96, 8.171, 328.444

86, 50.155,
183.345

96, 8.928, 324.718

86, 52.150,
182.177

 86, 53.232,
181.129

Harmonies

Complementary

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



93, 9.809, 189.716



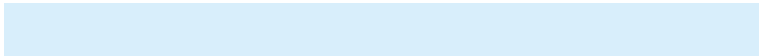
87, 10.411, 11.517

Rectangle

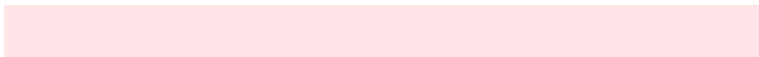
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



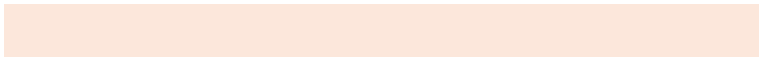
93, 9.809, 189.716



93, 9.809, 239.716



93, 9.809, 9.716



93, 9.809, 59.716

Sweetspot

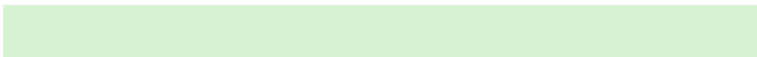
The Sweet Spot groups the original color and five complimentary colors.



93, 9.810, 189.707



99, 2.691, 190.563



93, 17.024, 140.655



53, 2.038, 190.450



0, 0.000, 0.000



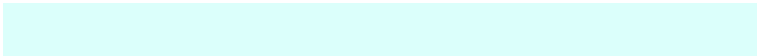
53, 0.007, 296.813

Same Dimension

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



93, 9.810, 189.707



97, 12.312, 189.504



90, 8.034, 243.208



49, 4.796, 189.892



67, 43.362, 181.360



20, 18.616, 183.264

Inverse Universe

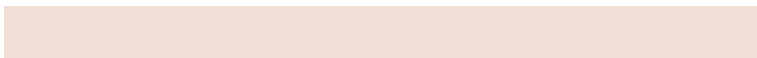
The Inverse Universe completely reimagines the original color for something new.



87, 10.411, 11.517



91, 13.233, 11.766



90, 8.451, 60.680



47, 5.033, 11.298



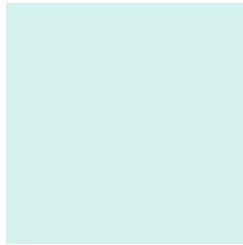
38, 77.126, 35.445



8, 29.320, 19.456

Previews

White Background



This preview shows how the CIELCh color 93, 9.809, 189.716 looks on a white background.

Color Contrast Check

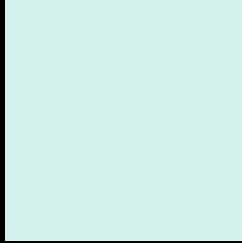
Large Text (above 18pt) WCAG AA × Fail

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, 9.809, 189.716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

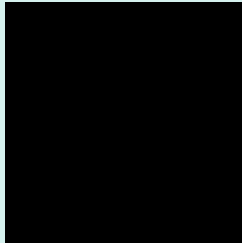
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

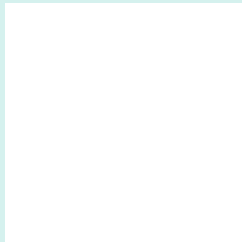
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 9.809, 189.716

Background



This preview shows how black text looks on a background with the CIELCh color 93, 9.809, 189.716.

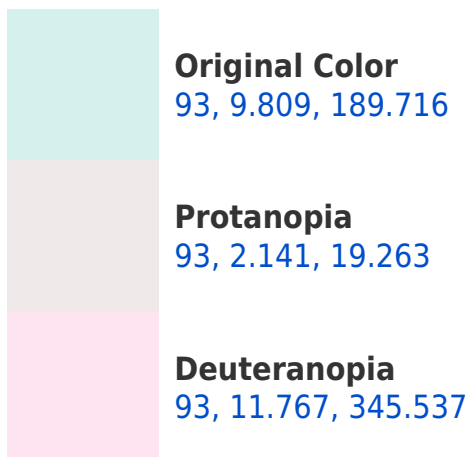


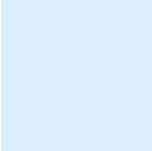
This preview shows how white text looks on a background with the CIELCh color 93, 9.809, 189.716.

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](#).

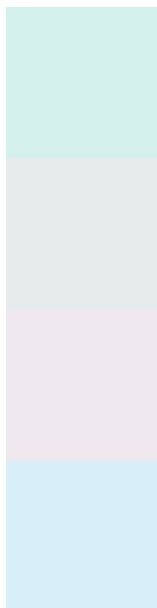
Dichromacy





Tritanopia
93, 10.911, 252.861

Trichromacy



Original Color
93, 9.809, 189.716

Protanomaly
93, 2.524, 187.691

Deuteranomaly
93, 4.412, 324.536

Tritanomaly
93, 9.242, 233.070

Monochromacy



Original Color
93, 9.809, 189.716

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 3.560, 190.989

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 9.809, 189.716 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(213, 241, 238)` looks like.

```
.text, #text, p{  
    color:rgb(213, 241, 238)  
}
```

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(213, 241, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 241, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 9.809, 189.716 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(213, 241, 238) }
```

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

```
.border{ border-color:rgb(213, 241, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 241, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 241, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 241, 238);  
box-shadow:4px 4px 4px 4px rgb(213, 241,  
238) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 9.809, 189.716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 241, 238) }
```

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

```
.background{ background-color: rgb(213,  
241, 238) }
```

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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