

Converting Colors

CIELCh(93, 9.915, 198.889)

Have a look what the booklet for
CIELCh(93, 9.915, 198.889) contains.

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Color

CIELCh(93, 9.932, 198.815)

Conversions

Conversions Part 1

Format	Color
Hex	D4F1F1
RGB	212, 241, 241
RGB Percent	83%, 95%, 95%
CMY	0.1700, 0.0563, 0.0563
CMYK	0.12, 0.00, 0.00, 0.06
HSL	180°, 50%, 89%
HSV	180°, 12%, 94%
XYZ	74.2179, 82.9670, 95.0354
YIQ	232.3290, -17.2840, -6.1480

Conversions

Conversions Part 2

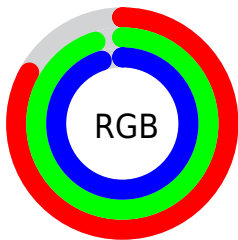
Format	Color
R_{YB}	212, 227, 241
Decimal	13955569
CIE Lab	93.00, -9.40, -3.20
CIE LCh	93, 9.932, 198.815
Yxy	82.9670, 0.2943, 0.3289
Android (android.graphics.Color)	4292145649 (0xFFD4F1F1)
YUV	232.3290, 4.2748, -17.8285
Hunter-Lab	91.0862, -13.9574, 1.8997

Details

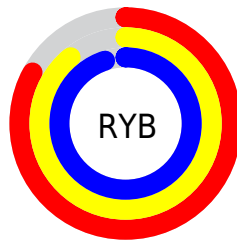
The CIELCh color **93, 9.932, 198.815** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **87, 10.730, 20.137**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 9.997, 198.656** is the 20% darker color. If you saturate the color by 10%, you get **92, 17.631, 198.277**, and if you desaturate by 10%, it is **95, 1.730, 199.648**.

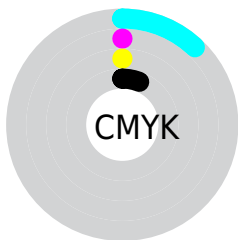
Distribution



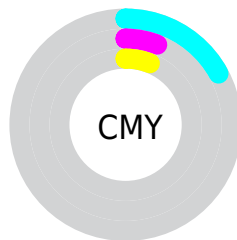
- Red (83%)
- Green (95%)
- Blue (95%)



- Red (83%)
- Yellow (89%)
- Blue (95%)



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 9.932, 198.815 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, 9.932, 198.815 by changing the saturation by 10% instead.

93, 9.932, 198.815

93, 9.932, 198.815

100, 9.932,
198.815

83, 9.932, 198.815

73, 9.932, 198.815

63, 9.932, 198.815

53, 9.932, 198.815

43, 9.932, 198.815

33, 9.932, 198.815

23, 9.932, 198.815

13, 9.932, 198.815

3, 9.932, 198.815

93, 9.932, 198.815

93, 9.932, 198.815

92, 17.631,
198.277

95, 1.730, 199.648

90, 24.685,
197.817

96, 5.125, 19.612

89, 30.959,
197.417

96, 5.125, 19.597

88, 36.325,
197.082

96, 5.125, 19.567

88, 40.686,
196.813

96, 5.125, 19.551

87, 43.987,
196.612

96, 5.125, 19.521

87, 46.232,
196.475

96, 5.125, 19.506

87, 47.495,
196.398

■ 87, 47.967,
196.369

Harmonies

Complementary

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



93, 9.932, 198.815



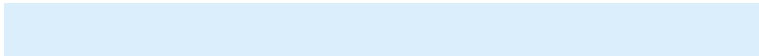
87, 10.730, 20.137

Rectangle

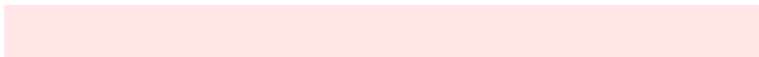
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 9.932, 198.815



93, 9.932, 248.815



93, 9.932, 18.815



93, 9.932, 68.815

Sweetspot

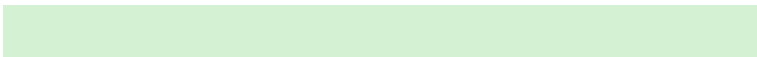
The Sweet Spot groups the original color and five complimentary colors.



93, 9.933, 198.805



99, 3.526, 199.360



92, 18.215, 143.301



53, 2.501, 199.289



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, 9.933, 198.805



98, 12.029, 198.693



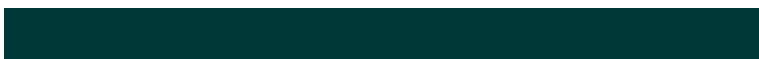
89, 8.817, 255.232



49, 4.701, 198.957



68, 39.160, 196.369



21, 17.095, 196.372

Inverse Universe

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



87, 10.730, 20.137



90, 13.171, 20.302



91, 9.113, 72.092



47, 4.993, 19.930



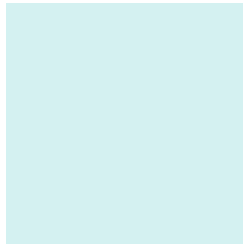
38, 81.698, 39.990



8, 29.836, 23.802

Previews

White Background



This preview shows how the CIELCh color 93, 9.932, 198.815 looks on a white background.

Color Contrast Check

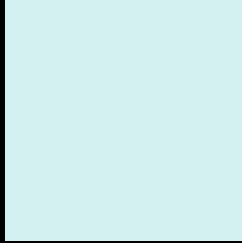
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 93, 9.932, 198.815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

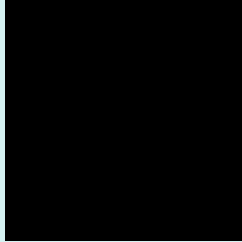
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

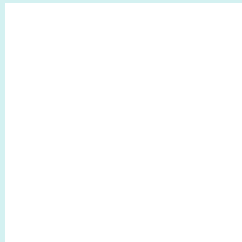
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 9.932, 198.815

Background



This preview shows how black text looks on a background with the CIELCh color 93, 9.932, 198.815.

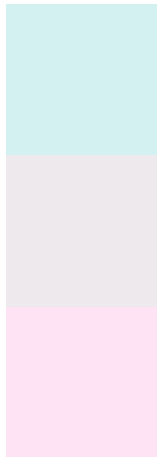


This preview shows how white text looks on a background with the CIELCh color 93, 9.932, 198.815.

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, 9.932, 198.815

Protanopia

93, 2.375, 338.611

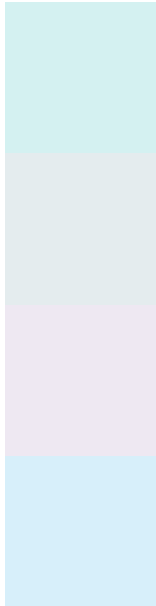
Deuteranopia

93, 12.422, 338.661



Tritanopia
93, 11.108, 251.495

Trichromacy



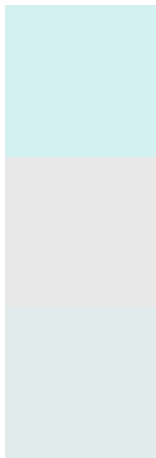
Original Color
93, 9.932, 198.815

Protanomaly
93, 2.971, 219.790

Deuteranomaly
93, 5.612, 312.624

Tritanomaly
93, 9.781, 234.604

Monochromacy



Original Color
93, 9.932, 198.815

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 3.508, 199.346

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 9.932, 198.815 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(212, 241, 241)` looks like.

```
.text, #text, p{  
    color:rgb(212, 241, 241)  
}
```

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(212, 241, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 241, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 9.932, 198.815 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(212, 241, 241) }
```

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

```
.border{ border-color:rgb(212, 241, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 241, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 241, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 241, 241);  
box-shadow:4px 4px 4px 4px rgb(212, 241,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 9.932, 198.815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 241, 241) }
```

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

```
.background{ background-color: rgb(212,  
241, 241) }
```

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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