

Converting Colors

CIELCh(93, 6.806, 196.234)

Have a look what the booklet for
CIELCh(93, 6.806, 196.234) contains.

CIELCh(93, 6.968, 194.775)	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, 6.968, 194.775)

Conversions

Conversions Part 1

Format	Color
Hex	DBEFEE
RGB	219, 239, 238
RGB Percent	86%, 94%, 93%
CMY	0.1412, 0.0627, 0.0667
CMYK	0.08, 0.00, 0.00, 0.06
HSL	177°, 38%, 90%
HSV	177°, 8%, 94%
XYZ	75.5135, 82.9670, 92.9239
YIQ	232.9060, -11.5990, -4.5510

Conversions

Conversions Part 2

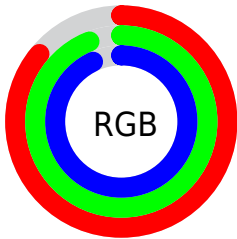
Format	Color
R _Y B	219, 229, 239
Decimal	14413806
CIE Lab	93.00, -6.74, -1.78
CIE LCh	93, 6.968, 194.775
Yxy	82.9670, 0.3004, 0.3300
Android (android.graphics.Color)	4292603886 (0xFFDBEFEE)
YUV	232.9060, 2.5113, -12.1956
Hunter-Lab	91.0862, -11.4185, 3.2742

Details

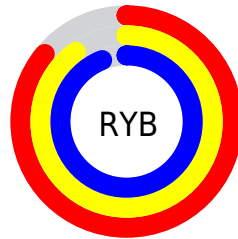
The CIELCh color **93, 6.968, 194.775** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89, 7.313, 15.778**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 6.934, 194.413** is the 20% darker color. If you saturate the color by 10%, you get **91, 14.920, 194.049**, and if you desaturate by 10%, it is **95, 1.388, 14.898**.

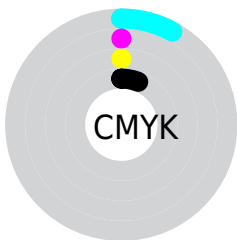
Distribution



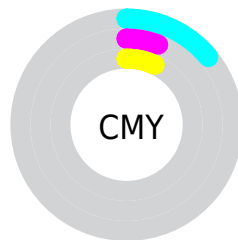
- Red (86%)
- Green (94%)
- Blue (93%)



- Red (86%)
- Yellow (90%)
- Blue (94%)



- Cyan (8%)
- Magenta (0%)
- Yellow (0%)
- Black (6%)



- Cyan (14%)
- Magenta (6%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 6.968, 194.775 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, 6.968, 194.775 by changing the saturation by 10% instead.

93, 6.968, 194.775

93, 6.968, 194.775

100, 6.968,
194.775

83, 6.968, 194.775

73, 6.968, 194.775

63, 6.968, 194.775

53, 6.968, 194.775

43, 6.968, 194.775

33, 6.968, 194.775

23, 6.968, 194.775

13, 6.968, 194.775

3, 6.968, 194.775

93, 6.968, 194.775

93, 6.968, 194.775

91, 14.920,
194.049

95, 1.388, 14.898

90, 22.331,
193.386

96, 5.760, 12.583

89, 29.060,
192.746

96, 5.863, 6.633

88, 34.970,
192.122

96, 6.027, 0.949

87, 39.942,
191.510

96, 6.249, 355.621

87, 43.891,
190.901

96, 6.521, 350.700

86, 46.786,
190.284

96, 6.838, 346.209

86, 48.663,
189.646

96, 7.195, 342.142

96, 7.584, 338.481

■ 86, 49.668,
188.976

Harmonies

Complementary

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



93, 6.968, 194.775



89, 7.313, 15.778

Rectangle

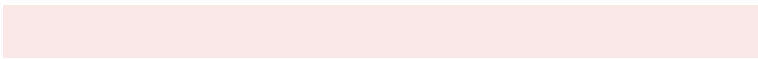
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



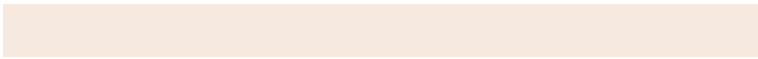
93, 6.968, 194.775



93, 6.968, 244.775



93, 6.968, 14.775



93, 6.968, 64.775

Sweetspot

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



93, 6.969, 194.760



99, 2.661, 195.278



93, 12.349, 142.215



53, 2.014, 195.172



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

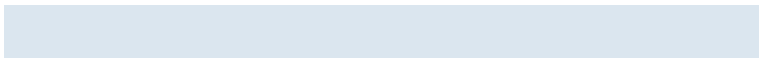
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 6.969, 194.760



98, 8.744, 194.634



91, 5.909, 248.950



49, 4.731, 194.676



67, 40.830, 188.984



20, 17.708, 189.975

Inverse Universe

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



89, 7.313, 15.778



93, 9.265, 15.930



91, 6.078, 66.868



47, 4.997, 15.879



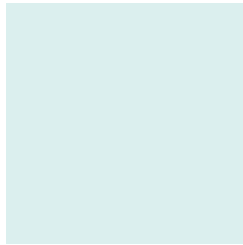
38, 79.561, 38.005



8, 29.575, 21.789

Previews

White Background



This preview shows how the CIE LCh color 93, 6.968, 194.775 looks on a white background.

Color Contrast Check

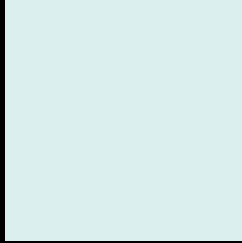
Large Text (above 18pt) WCAG AA × Fail

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, 6.968, 194.775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

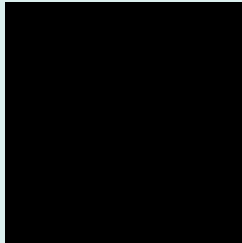
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

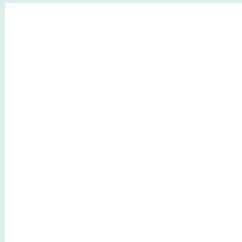
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 6.968, 194.775

Background



This preview shows how black text looks on a background with the CIELCh color 93, 6.968, 194.775.

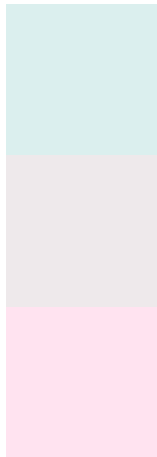


This preview shows how white text looks on a background with the CIELCh color 93, 6.968, 194.775.

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

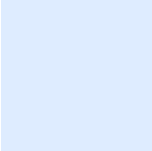
93, 6.968, 194.775

Protanopia

93, 2.071, 349.358

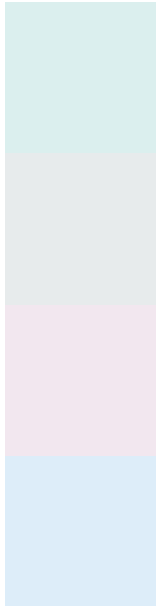
Deuteranopia

93, 12.064, 346.546



Tritanopia
93, 10.786, 264.987

Trichromacy



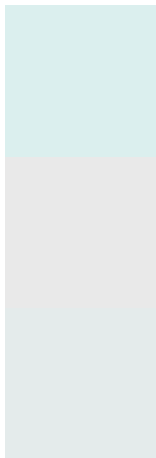
Original Color
93, 6.968, 194.775

Protanomaly
93, 1.496, 219.937

Deuteranomaly
93, 5.714, 333.441

Tritanomaly
93, 8.159, 248.740

Monochromacy



Original Color
93, 6.968, 194.775

Achromatopsia
92, 0.011, 296.813

Achromatomaly
93, 2.463, 199.492

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 6.968, 194.775 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(219, 239, 238)` looks like.

```
.text, #text, p{  
    color:rgb(219, 239, 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(219, 239, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 239, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 6.968, 194.775 is called "border". The border property can be set on classes, ids or directly on the HTML element.

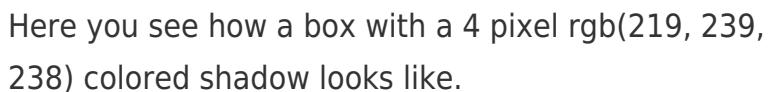
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(219, 239, 238) }
```

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

```
.border{ border-color:rgb(219, 239, 238) }
```

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



Here you see how a box with a 4 pixel `rgb(219, 239, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 239, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 239, 238); box-shadow:4px 4px 4px 4px rgb(219, 239, 238) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 6.968, 194.775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 239, 238) }
```

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

```
.background{ background-color: rgb(219,  
239, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor