

Converting Colors

CIELCh(93, 6.659, 187.786)

Have a look what the booklet for
CIELCh(93, 6.659, 187.786) contains.

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Color

CIELCh(93, 6.828, 185.921)

Conversions

Conversions Part 1

Format	Color
Hex	DCEFEC
RGB	220, 239, 236
RGB Percent	86%, 94%, 93%
CMY	0.1374, 0.0629, 0.0747
CMYK	0.08, 0.00, 0.01, 0.06
HSL	171°, 37%, 90%
HSV	171°, 8%, 94%
XYZ	75.4871, 82.9670, 91.3565
YIQ	232.9770, -10.3610, -4.9610

Conversions

Conversions Part 2

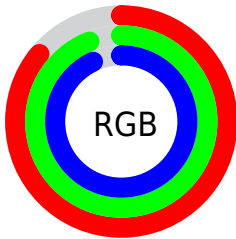
Format	Color
R _Y B	220, 230, 239
Decimal	14479340
CIE Lab	93.00, -6.79, -0.70
CIE LCh	93, 6.828, 185.921
Yxy	82.9670, 0.3022, 0.3321
Android (android.graphics.Color)	4292669420 (0xFFDCE FEC)
YUV	232.9770, 1.4903, -11.3808
Hunter-Lab	91.0862, -11.4703, 4.2944

Details

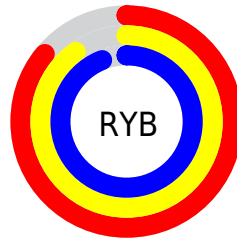
The CIELCh color **93, 6.828, 185.921** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89, 7.077, 7.135**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 6.807, 185.059** is the 20% darker color. If you saturate the color by 10%, you get **91, 15.151, 184.979**, and if you desaturate by 10%, it is **95, 1.786, 6.337**.

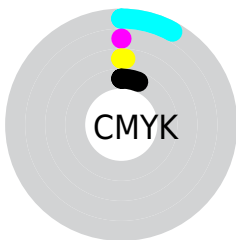
Distribution



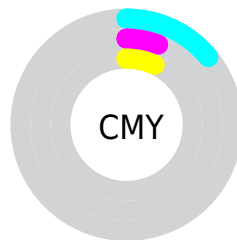
- Red (86%)
- Green (94%)
- Blue (93%)



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



- Cyan (8%)
- Magenta (0%)
- Yellow (1%)
- Black (6%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 6.828, 185.921 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, 6.828, 185.921 by changing the saturation by 10% instead.

93, 6.828, 185.921

93, 6.828, 185.921

100, 6.828,
185.921

83, 6.828, 185.921

73, 6.828, 185.921

63, 6.828, 185.921

53, 6.828, 185.921

43, 6.828, 185.921

33, 6.828, 185.921

23, 6.828, 185.921

13, 6.828, 185.921

3, 6.828, 185.921

93, 6.828, 185.921

93, 6.828, 185.921

91, 15.151,
184.979

95, 1.786, 6.337

90, 23.046,
184.047

96, 6.177, 357.604

89, 30.369,
183.076

96, 7.127, 343.084

88, 36.973,
182.048

96, 9.935, 325.026

87, 42.722,
180.944

96, 10.002,
324.758

86, 47.513,
179.743

86, 51.290,
178.423

85, 54.070,
176.963

■ 85, 55.980,
175.359

Harmonies

Complementary

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



93, 6.828, 185.921



89, 7.077, 7.135

Rectangle

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



93, 6.828, 185.921



93, 6.828, 235.921



93, 6.828, 5.921



93, 6.828, 55.921

Sweetspot

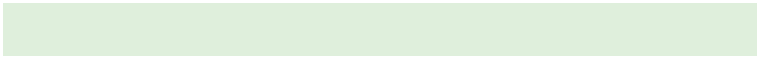
The Sweet Spot groups the original color and five complimentary colors.



93, 6.830, 185.908



100, 1.822, 186.673



93, 11.365, 139.442



53, 1.036, 186.700



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, 6.830, 185.908



98, 9.024, 185.709



91, 5.430, 236.498



49, 4.881, 185.762



67, 46.075, 175.322



20, 19.582, 177.844

Inverse Universe

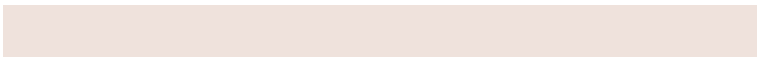
The Inverse Universe completely reimagines the original color for something new.



89, 7.077, 7.135



93, 9.438, 7.356



91, 5.645, 54.968



47, 5.092, 7.297



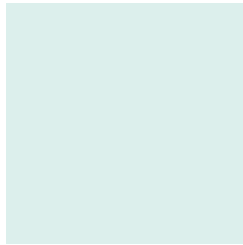
38, 74.639, 32.397



8, 29.132, 17.349

Previews

White Background



This preview shows how the CIELCh color 93, 6.828, 185.921 looks on a white background.

Color Contrast Check

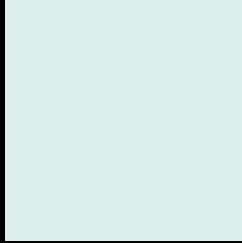
Large Text (above 18pt) WCAG AA × Fail

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, 6.828, 185.921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

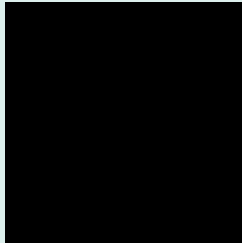
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

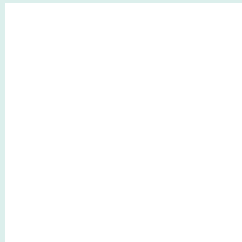
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 6.828, 185.921

Background



This preview shows how black text looks on a background with the CIELCh color 93, 6.828, 185.921.

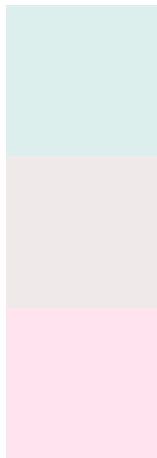


This preview shows how white text looks on a background with the CIELCh color 93, 6.828, 185.921.

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](#).

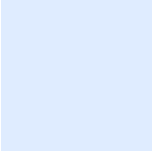
Dichromacy



Original Color
93, 6.828, 185.921

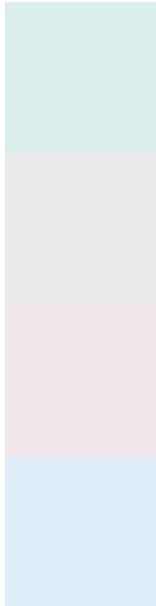
Protanopia
93, 2.141, 19.263

Deuteranopia
93, 11.543, 350.833



Tritanopia
93, 10.652, 266.616

Trichromacy



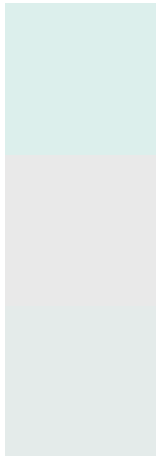
Original Color
93, 6.828, 185.921

Protanomaly
93, 1.181, 174.021

Deuteranomaly
93, 5.017, 341.550

Tritanomaly
93, 7.566, 247.979

Monochromacy



Original Color
93, 6.828, 185.921

Achromatopsia
92, 0.011, 296.813

Achromatomaly
93, 2.526, 187.689

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 6.828, 185.921 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(220, 239, 236)` looks like.

```
.text, #text, p{  
    color:rgb(220, 239, 236)  
}
```

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(220, 239, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 239, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 6.828, 185.921 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(220, 239, 236) }
```

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

```
.border{ border-color:rgb(220, 239, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 239, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 239, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 239, 236);  
box-shadow:4px 4px 4px 4px rgb(220, 239,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 6.828, 185.921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 239, 236) }
```

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

```
.background{ background-color: rgb(220,  
239, 236) }
```

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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