

Converting Colors

CIELCh(93, 6.766, 226.877)

Have a look what the booklet for
CIELCh(93, 6.766, 226.877) contains.

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Color

CIELCh(93, 6.857, 226.028)

Conversions

Conversions Part 1

Format	Color
Hex	DCEEF4
RGB	220, 238, 244
RGB Percent	86%, 93%, 96%
CMY	0.1369, 0.0663, 0.0428
CMYK	0.10, 0.02, 0.00, 0.04
HSL	195°, 52%, 91%
HSV	195°, 10%, 96%
XYZ	76.4846, 82.9670, 97.6419
YIQ	233.3020, -12.6540, -1.9500

Conversions

Conversions Part 2

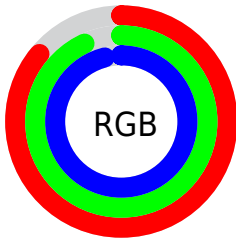
Format	Color
R _Y B	220, 230, 244
Decimal	14479092
CIE Lab	93.00, -4.76, -4.93
CIE LCh	93, 6.857, 226.028
Yxy	82.9670, 0.2975, 0.3227
Android (android.graphics.Color)	4292669172 (0xFFDCEE4)
YUV	233.3020, 5.2741, -11.6659
Hunter-Lab	91.0862, -9.5154, 0.2031

Details

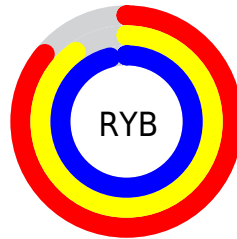
The CIELCh color **93, 6.857, 226.028** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **91, 7.269, 44.898**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 6.845, 227.537** is the 20% darker color. If you saturate the color by 10%, you get **90, 13.473, 226.681**, and if you desaturate by 10%, it is **96, 0.116, 40.091**.

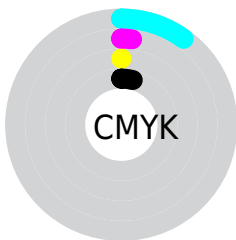
Distribution



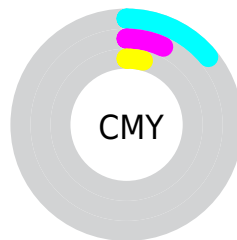
- Red (86%)
- Green (93%)
- Blue (96%)



- Red (86%)
- Yellow (90%)
- Blue (96%)



- Cyan (10%)
- Magenta (2%)
- Yellow (0%)
- Black (4%)



- Cyan (14%)
- Magenta (7%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 6.857, 226.028 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, 6.857, 226.028 by changing the saturation by 10% instead.

93, 6.857, 226.028

93, 6.857, 226.028

100, 6.857,
226.028

83, 6.857, 226.028

73, 6.857, 226.028

63, 6.857, 226.028

53, 6.857, 226.028

43, 6.857, 226.028

33, 6.857, 226.028

23, 6.857, 226.028

13, 6.857, 226.028

3, 6.857, 226.028

93, 6.857, 226.028

93, 6.857, 226.028

90, 13.473,
226.681

96, 0.116, 40.091

87, 19.639,
227.616

99, 3.545, 81.795

84, 25.257,
228.855

100, 5.520,
109.751

81, 30.230,
230.469

78, 34.480,
232.547

76, 37.961,
235.183

74, 40.692,
238.465

72, 42.772,
242.449

■ 70, 44.444,
247.037

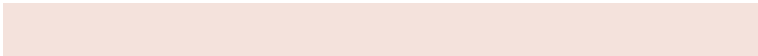
Harmonies

Complementary

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



93, 6.857, 226.028



91, 7.269, 44.898

Rectangle

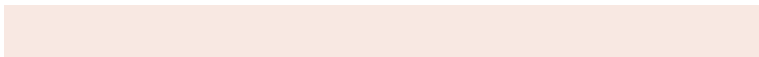
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



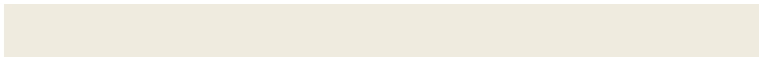
93, 6.857, 226.028



93, 6.857, 276.028



93, 6.857, 46.028



93, 6.857, 96.028

Sweetspot

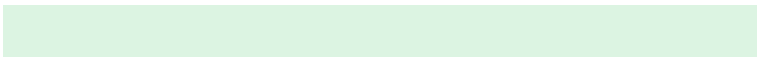
The Sweet Spot groups the original color and five complimentary colors.



93, 6.857, 226.009



99, 2.203, 225.827



94, 12.805, 151.087



53, 1.667, 225.808



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, 6.857, 226.009



96, 8.624, 226.133



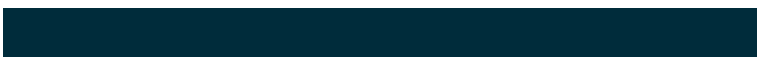
90, 9.367, 277.367



50, 3.976, 225.991



54, 36.115, 246.242



16, 15.579, 239.243

Inverse Universe

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



90, 12.702, 332.949



92, 16.085, 333.102



94, 9.308, 94.891



48, 7.357, 332.925



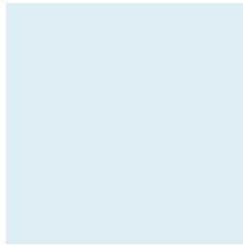
42, 75.350, 341.358



10, 34.303, 339.206

Previews

White Background



This preview shows how the CIELCh color 93, 6.857, 226.028 looks on a white background.

Color Contrast Check

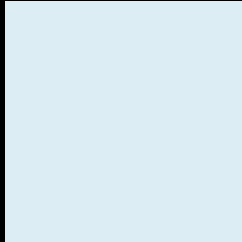
Large Text (above 18pt) WCAG AA × Fail

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, 6.857, 226.028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

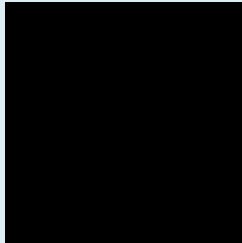
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

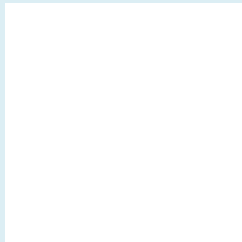
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 6.857, 226.028

Background



This preview shows how black text looks on a background with the CIELCh color 93, 6.857, 226.028.

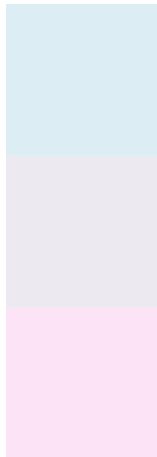


This preview shows how white text looks on a background with the CIELCh color 93, 6.857, 226.028.

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

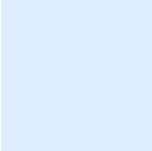
93, 6.857, 226.028

Protanopia

93, 4.389, 309.183

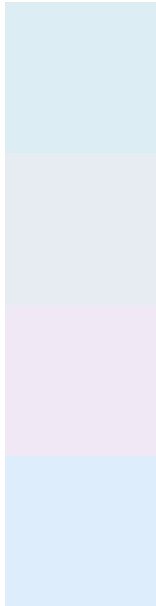
Deuteranopia

93, 12.621, 332.934



Tritanopia
93, 10.786, 264.987

Trichromacy



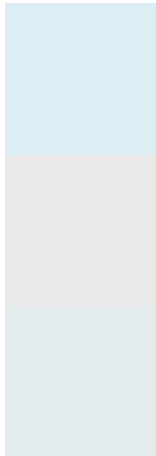
Original Color
93, 6.857, 226.028

Protanomaly
93, 3.857, 269.286

Deuteranomaly
93, 7.314, 313.190

Tritanomaly
93, 8.939, 253.327

Monochromacy



Original Color
93, 6.857, 226.028

Achromatopsia
92, 0.011, 296.813

Achromatomaly
93, 2.650, 222.447

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 6.857, 226.028 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, 238, 244)` looks like.

```
.text, #text, p{  
    color:rgb(220, 238, 244)  
}
```

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, 238, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 238, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 6.857, 226.028 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, 238, 244) }
```

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

```
.border{ border-color:rgb(220, 238, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 238, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 238, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 238, 244);  
box-shadow:4px 4px 4px 4px rgb(220, 238,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 6.857, 226.028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 238, 244) }
```

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

```
.background{ background-color: rgb(220,  
238, 244) }
```

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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