

Converting Colors

CIELCh(93, 7.902, 229.968)

Have a look what the booklet for
CIELCh(93, 7.902, 229.968) contains.

CIELCh(93, 7.901, 230.677)	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, 7.901, 230.677)

Conversions

Conversions Part 1

Format	Color
Hex	DAEEF6
RGB	218, 238, 246
RGB Percent	85%, 93%, 96%
CMY	0.1438, 0.0654, 0.0340
CMYK	0.11, 0.03, 0.00, 0.03
HSL	197°, 62%, 91%
HSV	197°, 11%, 97%
XYZ	76.3634, 82.9670, 99.4409
YIQ	232.9320, -14.4880, -1.7520

Conversions

Conversions Part 2

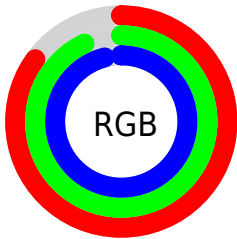
Format	Color
R _Y B	218, 230, 246
Decimal	14348022
CIE Lab	93.00, -5.01, -6.11
CIE LCh	93, 7.901, 230.677
Yxy	82.9670, 0.2951, 0.3206
Android (android.graphics.Color)	4292538102 (0xFFDAEEF6)
YUV	232.9320, 6.4425, -13.0954
Hunter-Lab	91.0862, -9.7531, -0.9678

Details

The CIELCh color `93, 7.901, 230.677` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `91, 8.426, 49.040`, 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, 7.944, 232.260` is the 20% darker color. If you saturate the color by 10%, you get `90, 14.487, 231.564`, and if you desaturate by 10%, it is `97, 0.975, 230.473`.

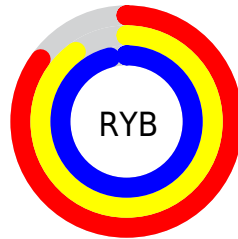
Distribution



Red (85%)

Green (93%)

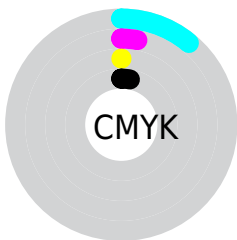
Blue (96%)



Red (85%)

Yellow (90%)

Blue (96%)

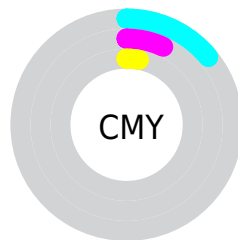


Cyan (11%)

Magenta (3%)

Yellow (0%)

Black (3%)



Cyan (14%)

Magenta (7%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 7.901, 230.677 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, 7.901, 230.677 by changing the saturation by 10% instead.

■ 93, 7.901, 230.677

■ 93, 7.901, 230.677

■ 100, 7.901,
230.677

■ 83, 7.901, 230.677

■ 73, 7.901, 230.677

■ 63, 7.901, 230.677

■ 53, 7.901, 230.677

■ 43, 7.901, 230.677

■ 33, 7.901, 230.677

■ 23, 7.901, 230.677

■ 13, 7.901, 230.677

■ 3, 7.901, 230.677

93, 7.901, 230.677

93, 7.901, 230.677

90, 14.487,
231.564

97, 0.975, 230.473

86, 20.647,
232.758

99, 3.199, 93.218

83, 26.290,
234.296

100, 4.387,
109.833

80, 31.334,
236.258

77, 35.714,
238.737

75, 39.410,
241.826

72, 42.468,
245.602

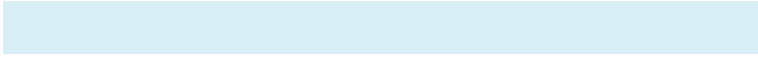
70, 45.019,
250.081

■ 68, 47.023,
254.366

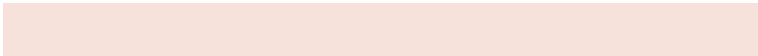
Harmonies

Complementary

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



93, 7.901, 230.677



91, 8.426, 49.040

Rectangle

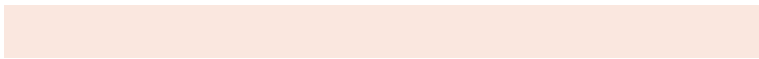
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 7.901, 230.677



93, 7.901, 280.677



93, 7.901, 50.677



93, 7.901, 100.677

Sweetspot

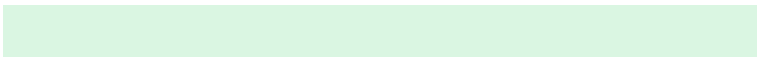
The Sweet Spot groups the original color and five complimentary colors.



93, 7.901, 230.661



99, 2.185, 230.247



95, 14.388, 152.842



53, 1.653, 230.242



0, 0.000, 0.000



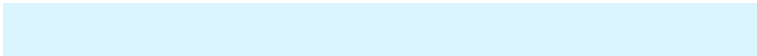
53, 0.007, 296.813

Same Dimension

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



93, 7.901, 230.661



95, 9.945, 230.874



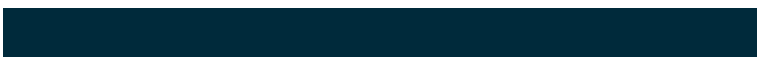
89, 11.564, 280.810



49, 3.946, 230.524



52, 37.825, 253.411



15, 16.022, 245.827

Inverse Universe

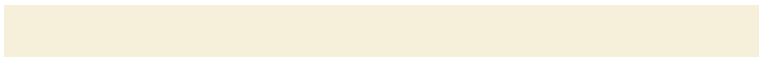
The Inverse Universe completely reimagines the original color for something new.



90, 14.439, 334.459



91, 18.319, 334.653



95, 11.430, 98.048



48, 7.172, 334.322



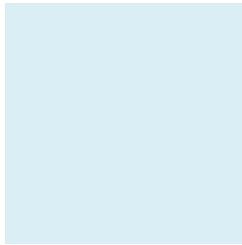
41, 73.543, 343.847



10, 33.548, 341.224

Previews

White Background



This preview shows how the CIELCh color 93, 7.901, 230.677 looks on a white background.

Color Contrast Check

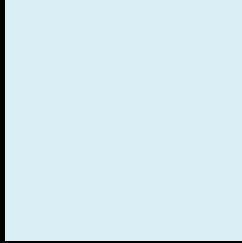
Large Text (above 18pt) WCAG AA × Fail

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, 7.901, 230.677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

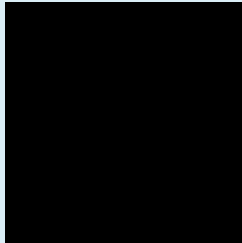
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

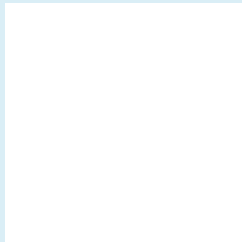
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 7.901, 230.677

Background



This preview shows how black text looks on a background with the CIELCh color 93, 7.901, 230.677.

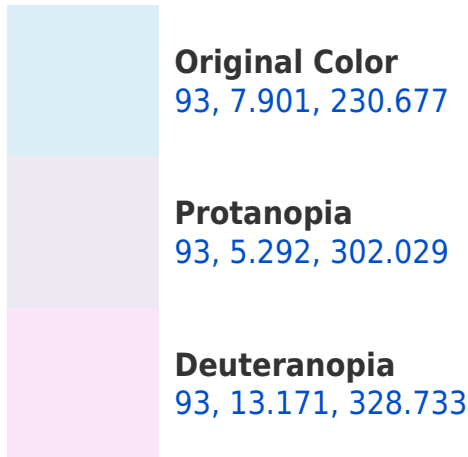


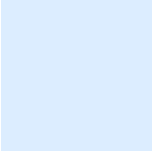
This preview shows how white text looks on a background with the CIELCh color 93, 7.901, 230.677.

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](#).

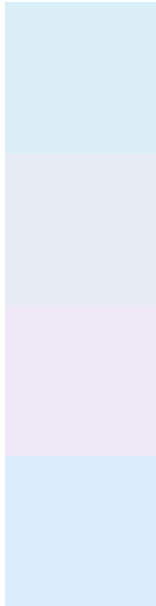
Dichromacy





Tritanopia
93, 10.790, 258.881

Trichromacy



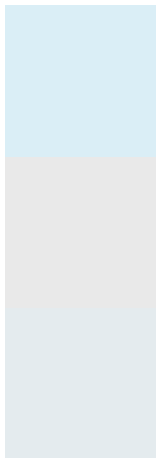
Original Color
93, 7.901, 230.677

Protanomaly
93, 4.935, 269.976

Deuteranomaly
93, 8.161, 308.159

Tritanomaly
93, 9.732, 252.081

Monochromacy



Original Color
93, 7.901, 230.677

Achromatopsia
92, 0.011, 296.813

Achromatomaly
93, 2.880, 232.053

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 7.901, 230.677 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(218, 238, 246)` looks like.

```
.text, #text, p{  
    color:rgb(218, 238, 246)  
}
```

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(218, 238, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 238, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 7.901, 230.677 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(218, 238, 246) }
```

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

```
.border{ border-color:rgb(218, 238, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 238, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 238, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 238, 246);  
box-shadow:4px 4px 4px 4px rgb(218, 238,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 7.901, 230.677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 238, 246) }
```

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

```
.background{ background-color: rgb(218,  
238, 246) }
```

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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