

Converting Colors

CIELCh(93, 6.772, 217.850)

Have a look what the booklet for
CIELCh(93, 6.772, 217.850) contains.

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Color

CIELCh(93, 6.661, 221.957)

Conversions

Conversions Part 1

Format	Color
Hex	DCEEF3
RGB	220, 238, 243
RGB Percent	86%, 93%, 95%
CMY	0.1366, 0.0660, 0.0464
CMYK	0.09, 0.02, 0.00, 0.05
HSL	193°, 49%, 91%
HSV	193°, 9%, 95%
XYZ	76.3897, 82.9670, 96.9125
YIQ	233.1880, -12.3330, -2.2610

Conversions

Conversions Part 2

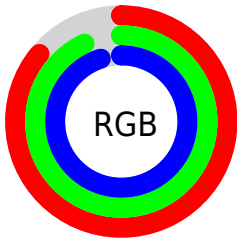
Format	Color
R _{YB}	220, 230, 243
Decimal	14479091
CIE Lab	93.00, -4.95, -4.45
CIE LCh	93, 6.661, 221.957
Yxy	82.9670, 0.2981, 0.3237
Android (android.graphics.Color)	4292669171 (0xFFDC EE F3)
YUV	233.1880, 4.8373, -11.5659
Hunter-Lab	91.0862, -9.7015, 0.6780

Details

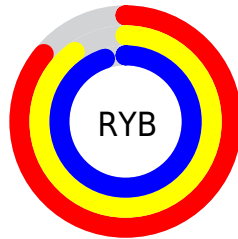
The CIELCh color `93, 6.661, 221.957` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `91, 7.061, 41.151`, and the grayscale version is `92, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `73, 6.630, 223.266` is the 20% darker color. If you saturate the color by 10%, you get `90, 13.332, 222.422`, and if you desaturate by 10%, it is `96, 0.387, 39.863`.

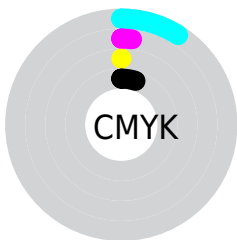
Distribution



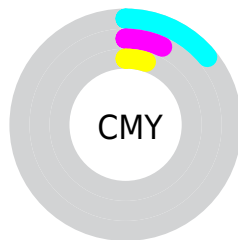
- Red (86%)
- Green (93%)
- Blue (95%)



- Red (86%)
- Yellow (90%)
- Blue (95%)



- Cyan (9%)
- Magenta (2%)
- Yellow (0%)
- Black (5%)



- Cyan (14%)
- Magenta (7%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 6.661, 221.957 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, 6.661, 221.957 by changing the saturation by 10% instead.

■ 93, 6.661, 221.957

■ 93, 6.661, 221.957

■ 100, 6.661,
221.957

■ 83, 6.661, 221.957

■ 73, 6.661, 221.957

■ 63, 6.661, 221.957

■ 53, 6.661, 221.957

■ 43, 6.661, 221.957

■ 33, 6.661, 221.957

■ 23, 6.661, 221.957

■ 13, 6.661, 221.957

■ 3, 6.661, 221.957

93, 6.661, 221.957

93, 6.661, 221.957

90, 13.332,
222.422

96, 0.387, 39.863

87, 19.526,
223.145

98, 3.581, 71.483

85, 25.137,
224.138

99, 5.502, 106.111

100, 5.989,
109.717

82, 30.059,
225.465

80, 34.203,
227.205

77, 37.511,
229.447

75, 39.983,
232.280

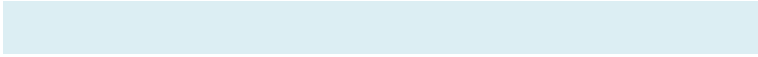
74, 41.700,
235.775

■ 72, 42.884,
239.886

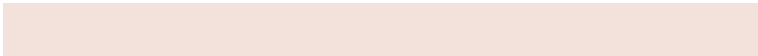
Harmonies

Complementary

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



93, 6.661, 221.957



91, 7.061, 41.151

Rectangle

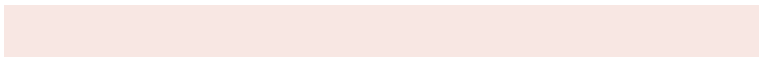
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



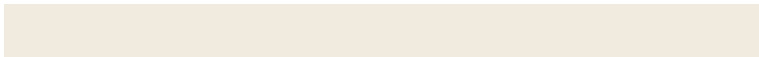
93, 6.661, 221.957



93, 6.661, 271.957



93, 6.661, 41.957



93, 6.661, 91.957

Sweetspot

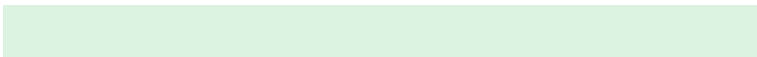
The Sweet Spot groups the original color and five complimentary colors.



93, 6.661, 221.938



99, 2.231, 221.880



94, 12.427, 150.519



53, 1.688, 221.847



0, 0.000, 0.000



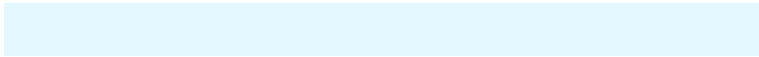
53, 0.007, 296.813

Same Dimension

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



93, 6.661, 221.938



97, 8.019, 221.997



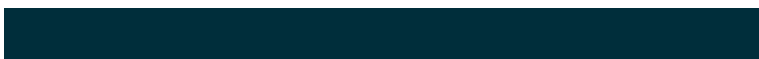
90, 8.813, 276.155



50, 4.024, 221.939



56, 35.050, 239.331



17, 15.347, 233.080

Inverse Universe

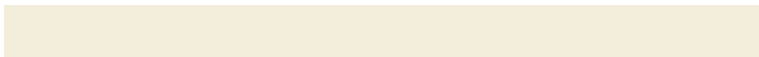
The Inverse Universe completely reimagines the original color for something new.



90, 12.465, 331.710



93, 15.081, 331.816



94, 8.772, 93.743



48, 7.530, 331.712



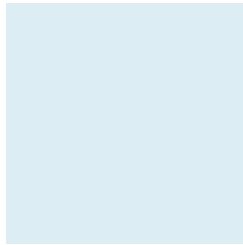
42, 77.129, 339.232



10, 35.029, 337.471

Previews

White Background



This preview shows how the CIELCh color 93, 6.661, 221.957 looks on a white background.

Color Contrast Check

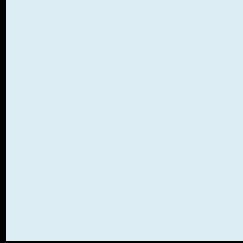
Large Text (above 18pt) WCAG AA × Fail

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, 6.661, 221.957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

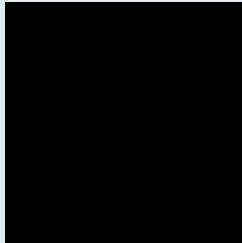
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

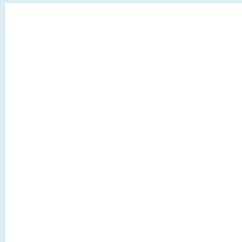
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 6.661, 221.957

Background



This preview shows how black text looks on a background with the CIELCh color 93, 6.661, 221.957.

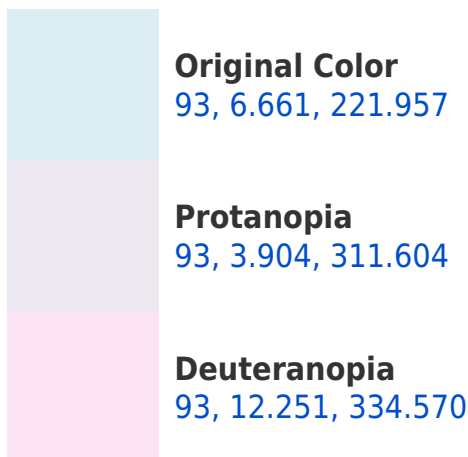


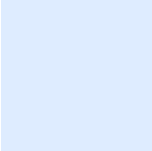
This preview shows how white text looks on a background with the CIELCh color 93, 6.661, 221.957.

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](#).

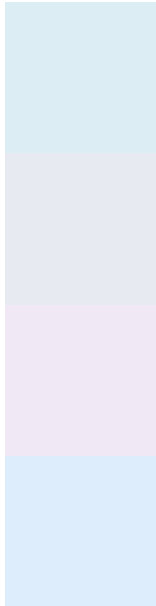
Dichromacy





Tritanopia
93, 10.786, 264.987

Trichromacy



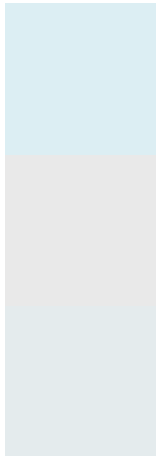
Original Color
93, 6.661, 221.957

Protanomaly
93, 3.382, 266.051

Deuteranomaly
93, 6.841, 314.844

Tritanomaly
93, 8.939, 253.327

Monochromacy



Original Color
93, 6.661, 221.957

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, 6.661, 221.957 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, 243)` looks like.

```
.text, #text, p{  
    color:rgb(220, 238, 243)  
}
```

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, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 238, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 6.661, 221.957 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, 243) }
```

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

```
.border{ border-color:rgb(220, 238, 243) }
```

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, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 238, 243); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 238, 243); box-shadow:4px 4px 4px 4px rgb(220, 238, 243) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 6.661, 221.957 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, 243) }
```

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

```
.background{ background-color: rgb(220,  
238, 243) }
```

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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