

Converting Colors

CIELCh(93, 8.165, 221.959)

Have a look what the booklet for
CIELCh(93, 8.165, 221.959) contains.

CIELCh(93, 8.067, 221.649)	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, 8.067, 221.649)

Conversions

Conversions Part 1

Format	Color
Hex	D9EFF5
RGB	217, 239, 245
RGB Percent	85%, 94%, 96%
CMY	0.1495, 0.0633, 0.0398
CMYK	0.11, 0.02, 0.00, 0.04
HSL	193°, 58%, 91%
HSV	193°, 11%, 96%
XYZ	75.8612, 82.9670, 98.2907
YIQ	233.1060, -15.0380, -2.7980

Conversions

Conversions Part 2

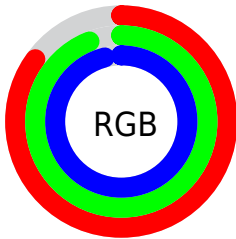
Format	Color
R_{YB}	217, 229, 245
Decimal	14282741
CIE Lab	93.00, -6.03, -5.36
CIE LCh	93, 8.067, 221.649
Yxy	82.9670, 0.2950, 0.3227
Android (android.graphics.Color)	4292472821 (0xFFD9EFF5)
YUV	233.1060, 5.8637, -14.1250
Hunter-Lab	91.0862, -10.7371, -0.2192

Details

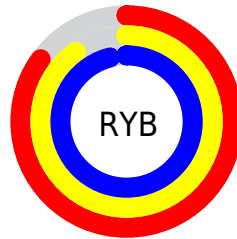
The CIELCh color **93, 8.067, 221.649** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **90, 8.667, 40.777**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 8.083, 222.755** is the 20% darker color. If you saturate the color by 10%, you get **90, 14.696, 222.150**, and if you desaturate by 10%, it is **96, 1.038, 221.778**.

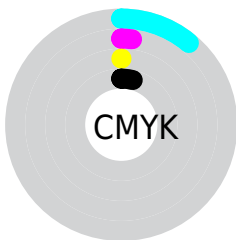
Distribution



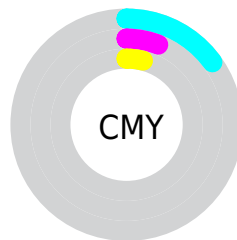
- Red (85%)
- Green (94%)
- Blue (96%)



- Red (85%)
- Yellow (90%)
- Blue (96%)



- Cyan (11%)
- Magenta (2%)
- Yellow (0%)
- Black (4%)



- Cyan (15%)
- Magenta (6%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 8.067, 221.649 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, 8.067, 221.649 by changing the saturation by 10% instead.

93, 8.067, 221.649

93, 8.067, 221.649

100, 8.067,
221.649

83, 8.067, 221.649

73, 8.067, 221.649

63, 8.067, 221.649

53, 8.067, 221.649

43, 8.067, 221.649

33, 8.067, 221.649

23, 8.067, 221.649

13, 8.067, 221.649

3, 8.067, 221.649

93, 8.067, 221.649

93, 8.067, 221.649

90, 14.696,
222.150

96, 1.038, 221.778

87, 20.821,
222.902

98, 3.016, 68.408

85, 26.335,
223.933

100, 4.928,
108.140

82, 31.132,
225.309

100, 5.129,
109.780

80, 35.125,
227.111

78, 38.265,
229.427

76, 40.565,
232.346

74, 42.125,
235.929

■ 73, 43.075,
239.457

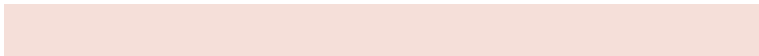
Harmonies

Complementary

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



93, 8.067, 221.649



90, 8.667, 40.777

Rectangle

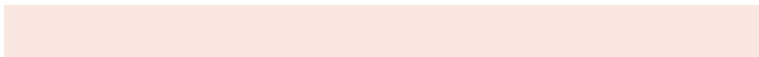
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



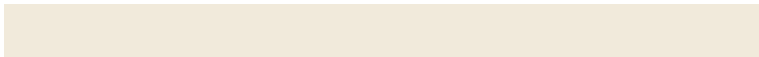
93, 8.067, 221.649



93, 8.067, 271.649



93, 8.067, 41.649



93, 8.067, 91.649

Sweetspot

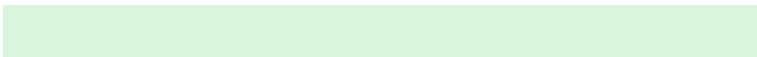
The Sweet Spot groups the original color and five complimentary colors.



93, 8.067, 221.634



99, 2.234, 221.513



94, 15.308, 149.790



53, 1.690, 221.480



0, 0.000, 0.000



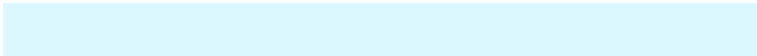
53, 0.007, 296.813

Same Dimension

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



93, 8.067, 221.634



96, 10.138, 221.745



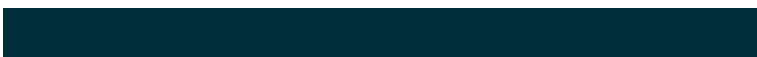
90, 10.535, 275.223



50, 4.029, 221.563



56, 34.974, 238.667



17, 15.334, 232.496

Inverse Universe

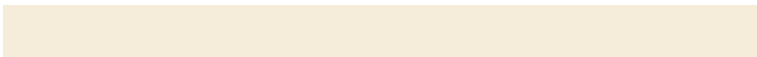
The Inverse Universe completely reimagines the original color for something new.



89, 15.204, 331.732



91, 19.269, 331.906



94, 10.504, 92.266



48, 7.547, 331.601



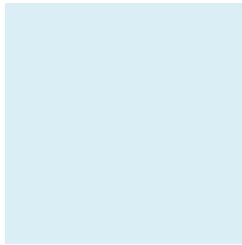
42, 77.302, 339.038



10, 35.099, 337.313

Previews

White Background



This preview shows how the CIELCh color 93, 8.067, 221.649 looks on a white background.

Color Contrast Check

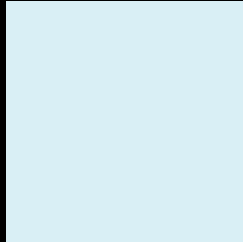
Large Text (above 18pt) WCAG AA × Fail

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, 8.067, 221.649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

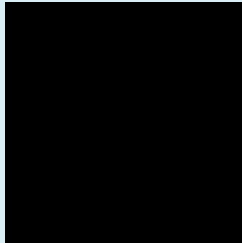
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

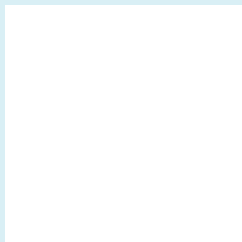
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 8.067, 221.649

Background



This preview shows how black text looks on a background with the CIELCh color 93, 8.067, 221.649.



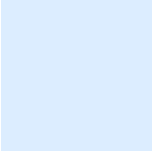
This preview shows how white text looks on a background with the CIELCh color 93, 8.067, 221.649.

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](#).

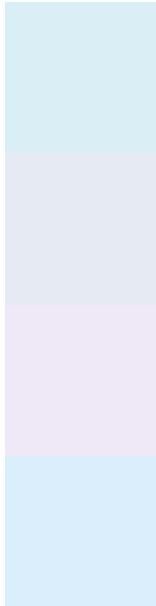
Dichromacy





Tritanopia
93, 10.790, 258.881

Trichromacy



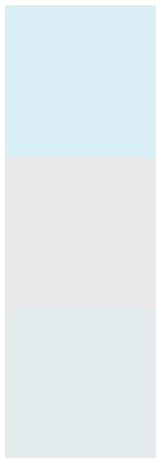
Original Color
93, 8.067, 221.649

Protanomaly
93, 4.458, 267.570

Deuteranomaly
93, 7.671, 309.303

Tritanomaly
93, 9.184, 246.209

Monochromacy



Original Color
93, 8.067, 221.649

Achromatopsia
92, 0.011, 296.813

Achromatomaly
93, 2.973, 219.789

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 8.067, 221.649 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(217, 239, 245)` looks like.

```
.text, #text, p{  
    color:rgb(217, 239, 245)  
}
```

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(217, 239, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 239, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 8.067, 221.649 is called "border". The border property can be set on classes, ids or directly on the HTML element.

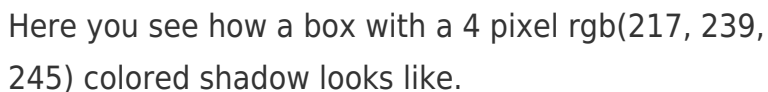
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 239, 245) }
```

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

```
.border{ border-color:rgb(217, 239, 245) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 239, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 239, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 239, 245); box-shadow:4px 4px 4px 4px rgb(217, 239, 245) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 8.067, 221.649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 239, 245) }
```

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

```
.background{ background-color: rgb(217,  
239, 245) }
```

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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