

Converting Colors

CIE LCh(93, 5.052, 199.191)

Have a look what the booklet for
CIELCh(93, 5.052, 199.191) contains.

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Color

CIELCh(93, 5.225, 199.177)

Conversions

Conversions Part 1

Format	Color
Hex	DFEEEE
RGB	223, 238, 238
RGB Percent	87%, 93%, 93%
CMY	0.1257, 0.0669, 0.0669
CMYK	0.06, 0.00, 0.00, 0.07
HSL	180°, 31%, 90%
HSV	180°, 6%, 93%
XYZ	76.3987, 82.9670, 92.8348
YIQ	233.5150, -8.9400, -3.1800

Conversions

Conversions Part 2

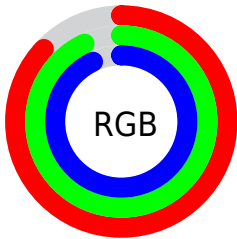
Format	Color
R_{YB}	223, 231, 238
Decimal	14675694
CIE Lab	93.00, -4.94, -1.72
CIE LCh	93, 5.225, 199.177
Yxy	82.9670, 0.3029, 0.3290
Android (android.graphics.Color)	4292865774 (0xFFDFEEEE)
YUV	233.5150, 2.2111, -9.2217
Hunter-Lab	91.0862, -9.6838, 3.3322

Details

The CIELCh color **93, 5.225, 199.177** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **90, 5.438, 19.661**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 5.113, 199.089** is the 20% darker color. If you saturate the color by 10%, you get **91, 13.158, 198.559**, and if you desaturate by 10%, it is **95, 3.132, 19.395**.

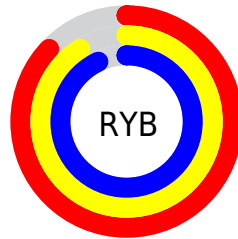
Distribution



Red (87%)

Green (93%)

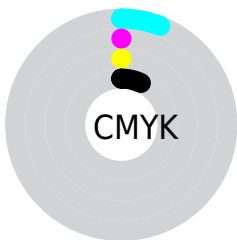
Blue (93%)



Red (87%)

Yellow (91%)

Blue (93%)

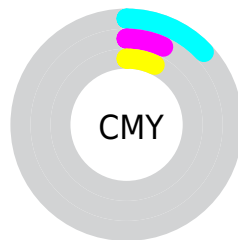


Cyan (6%)

Magenta (0%)

Yellow (0%)

Black (7%)



Cyan (13%)

Magenta (7%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 5.225, 199.177 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, 5.225, 199.177 by changing the saturation by 10% instead.

■ 93, 5.225, 199.177

■ 93, 5.225, 199.177

■ 100, 5.225,
199.177

■ 83, 5.225, 199.177

■ 73, 5.225, 199.177

■ 63, 5.225, 199.177

■ 53, 5.225, 199.177

■ 43, 5.225, 199.177

■ 33, 5.225, 199.177

■ 23, 5.225, 199.177

■ 13, 5.225, 199.177

■ 3, 5.225, 199.177

93, 5.225, 199.177

93, 5.225, 199.177

91, 13.158,
198.559

95, 3.132, 19.395

90, 20.533,
198.062

95, 6.109, 19.677

89, 27.213,
197.627

95, 6.109, 19.649

88, 33.063,
197.254

95, 6.109, 19.593

87, 37.971,
196.945

95, 6.109, 19.565

87, 41.854,
196.704

95, 6.109, 19.510

86, 44.680,
196.530

95, 6.109, 19.482

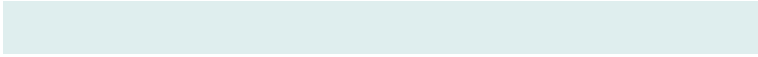
86, 46.482,
196.418

■ 86, 47.371,
196.361

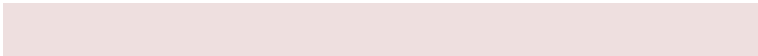
Harmonies

Complementary

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



93, 5.225, 199.177



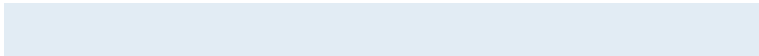
90, 5.438, 19.661

Rectangle

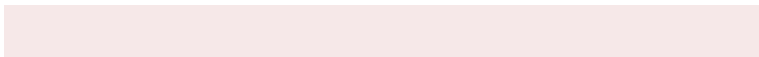
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



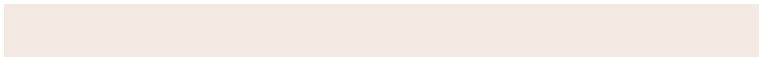
93, 5.225, 199.177



93, 5.225, 249.177



93, 5.225, 19.177



93, 5.225, 69.177

Sweetspot

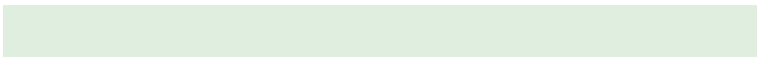
The Sweet Spot groups the original color and five complimentary colors.



93, 5.226, 199.156



100, 1.770, 199.647



93, 9.405, 143.674



53, 1.006, 199.672



0, 0.000, 0.000



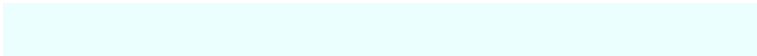
53, 0.007, 296.813

Same Dimension

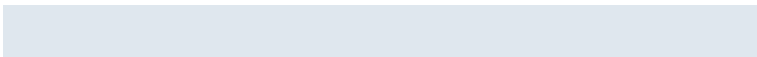
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 5.226, 199.156



99, 6.985, 199.037



91, 4.590, 254.476



49, 4.701, 198.945



68, 39.164, 196.349



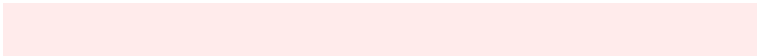
21, 17.096, 196.354

Inverse Universe

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



90, 5.438, 19.661



94, 7.349, 19.803



92, 4.656, 72.744



47, 4.993, 19.919



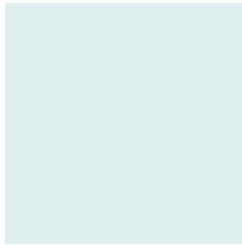
38, 81.691, 39.985



8, 29.835, 23.797

Previews

White Background



This preview shows how the CIELCh color 93, 5.225, 199.177 looks on a white background.

Color Contrast Check

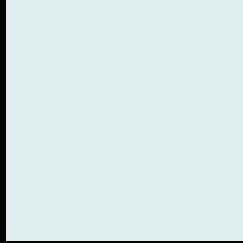
Large Text (above 18pt) WCAG AA × Fail

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, 5.225, 199.177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

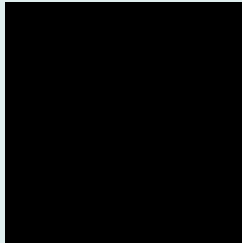
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

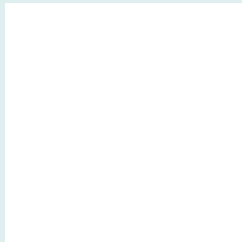
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 5.225, 199.177

Background



This preview shows how black text looks on a background with the CIELCh color 93, 5.225, 199.177.

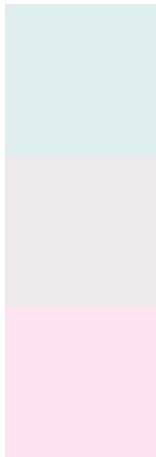


This preview shows how white text looks on a background with the CIELCh color 93, 5.225, 199.177.

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](#).

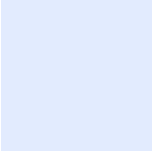
Dichromacy



Original Color
93, 5.225, 199.177

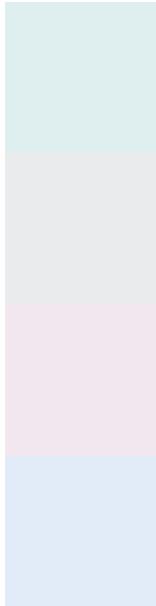
Protanopia
93, 2.071, 349.358

Deuteranopia
93, 12.064, 346.546



Tritanopia
93, 10.213, 273.555

Trichromacy



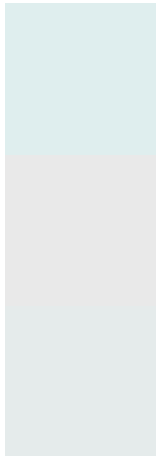
Original Color
93, 5.225, 199.177

Protanomaly
93, 0.873, 236.430

Deuteranomaly
93, 5.965, 335.945

Tritanomaly
93, 7.187, 259.026

Monochromacy



Original Color
93, 5.225, 199.177

Achromatopsia
92, 0.011, 296.813

Achromatomaly
93, 2.113, 199.558

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 5.225, 199.177 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(223, 238, 238)` looks like.

```
.text, #text, p{  
    color:rgb(223, 238, 238)  
}
```

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(223, 238, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 238, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 5.225, 199.177 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(223, 238, 238) }
```

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

```
.border{ border-color:rgb(223, 238, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 238, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 238, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 238, 238);  
box-shadow:4px 4px 4px 4px rgb(223, 238,  
238) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 5.225, 199.177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 238, 238) }
```

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

```
.background{ background-color: rgb(223,  
238, 238) }
```

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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