

Converting Colors

CIELCh(91, 5.589, 199.145)

Have a look what the booklet for
CIELCh(91, 5.589, 199.145) contains.

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Color

CIELCh(91, 5.593, 199.135)

Conversions

Conversions Part 1

Format	Color
Hex	D8E8E8
RGB	216, 232, 232
RGB Percent	85%, 91%, 91%
CMY	0.1512, 0.0884, 0.0884
CMYK	0.07, 0.00, 0.00, 0.09
HSL	180°, 26%, 88%
HSV	180°, 7%, 91%
XYZ	72.0614, 78.4833, 88.0281
YIQ	227.2160, -9.5360, -3.3920

Conversions

Conversions Part 2

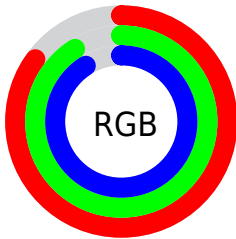
Format	Color
R _Y B	216, 224, 232
Decimal	14215400
CIE Lab	91.00, -5.28, -1.83
CIE LCh	91, 5.593, 199.135
Yxy	78.4833, 0.3021, 0.3290
Android (android.graphics.Color)	4292405480 (0xFFD8E8E8)
YUV	227.2160, 2.3585, -9.8364
Hunter-Lab	88.5908, -9.8387, 3.1002

Details

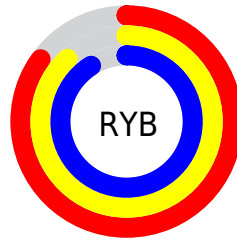
The CIELCh color **91, 5.593, 199.135** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **88, 5.842, 19.710**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 5.501, 199.037** is the 20% darker color. If you saturate the color by 10%, you get **89, 13.350, 198.530**, and if you desaturate by 10%, it is **93, 2.586, 19.324**.

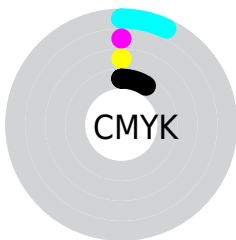
Distribution



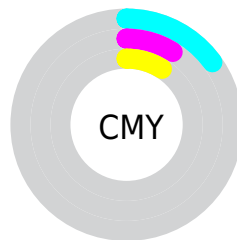
- Red (85%)
- Green (91%)
- Blue (91%)



- Red (85%)
- Yellow (88%)
- Blue (91%)



- Cyan (7%)
- Magenta (0%)
- Yellow (0%)
- Black (9%)



- Cyan (15%)
- Magenta (9%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 5.593, 199.135 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 91, 5.593, 199.135 by changing the saturation by 10% instead.

■ 91, 5.593, 199.135

■ 91, 5.593, 199.135

■ 100, 5.593,
199.135

■ 81, 5.593, 199.135

■ 71, 5.593, 199.135

■ 61, 5.593, 199.135

■ 51, 5.593, 199.135

■ 41, 5.593, 199.135

■ 31, 5.593, 199.135

■ 21, 5.593, 199.135

■ 11, 5.593, 199.135

■ 1, 5.593, 199.135

91, 5.593, 199.135

91, 5.593, 199.135

89, 13.350,
198.530

93, 2.586, 19.324

88, 20.552,
198.038

94, 8.149, 19.865

87, 27.065,
197.606

94, 8.149, 19.845

86, 32.760,
197.237

94, 8.149, 19.825

85, 37.525,
196.933

94, 8.149, 19.806

85, 41.283,
196.695

94, 8.149, 19.786

84, 44.006,
196.524

94, 8.149, 19.767

84, 45.729,
196.416

94, 8.149, 19.747

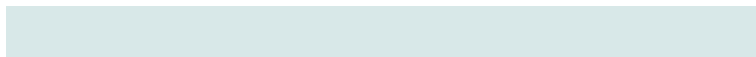
94, 8.149, 19.727

■ 84, 46.567,
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.



91, 5.593, 199.135



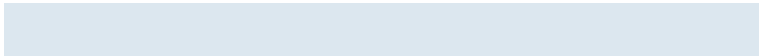
88, 5.842, 19.710

Rectangle

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



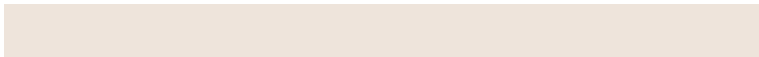
91, 5.593, 199.135



91, 5.593, 249.135



91, 5.593, 19.135



91, 5.593, 69.135

Sweetspot

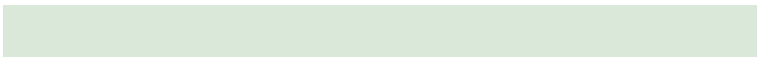
The Sweet Spot groups the original color and five complimentary colors.



91, 5.594, 199.116



100, 1.770, 199.648



91, 10.086, 143.637



53, 1.006, 199.673



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

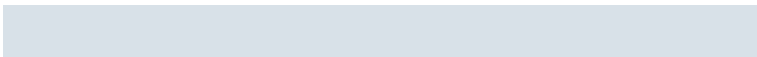
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 5.594, 199.116



99, 6.985, 199.038



89, 4.918, 254.545



48, 4.619, 198.948



67, 38.759, 196.350



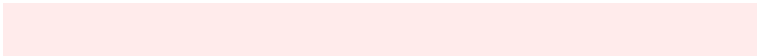
19, 16.597, 196.356

Inverse Universe

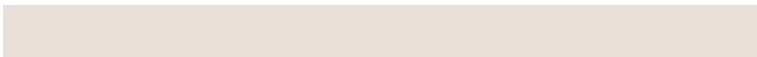
The Inverse Universe completely reimagines the original color for something new.



88, 5.842, 19.710



94, 7.349, 19.803



90, 4.998, 72.683



46, 4.905, 19.918



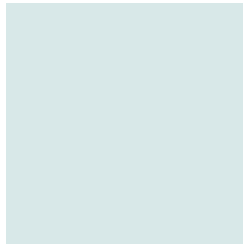
38, 80.837, 39.976



7, 28.534, 22.706

Previews

White Background



This preview shows how the CIELCh color 91, 5.593, 199.135 looks on a white background.

Color Contrast Check

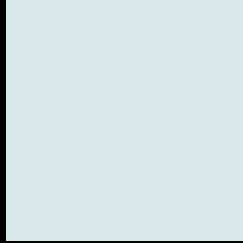
Large Text (above 18pt) WCAG AA × Fail

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 91, 5.593, 199.135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

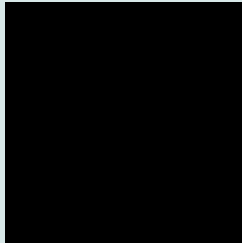
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

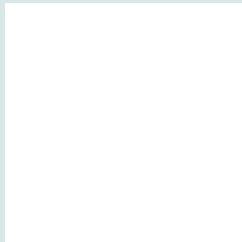
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 5.593, 199.135

Background



This preview shows how black text looks on a background with the CIELCh color 91, 5.593, 199.135.



This preview shows how white text looks on a background with the CIELCh color 91, 5.593, 199.135.

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](#).

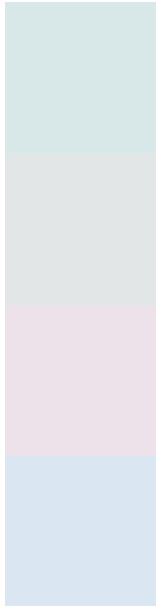
Dichromacy





Tritanopia
91, 9.980, 268.901

Trichromacy



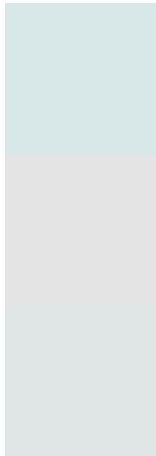
Original Color
91, 5.593, 199.135

Protanomaly
91, 1.178, 225.994

Deuteranomaly
91, 5.737, 333.449

Tritanomaly
91, 7.172, 252.086

Monochromacy



Original Color
91, 5.593, 199.135

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 2.121, 199.549

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 5.593, 199.135 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(216, 232, 232)` looks like.

```
.text, #text, p{  
    color:rgb(216, 232, 232)  
}
```

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(216, 232, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 232, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 5.593, 199.135 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(216, 232, 232) }
```

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

```
.border{ border-color:rgb(216, 232, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 232, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 232, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 232, 232);  
box-shadow:4px 4px 4px 4px rgb(216, 232,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 5.593, 199.135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 232, 232) }
```

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

```
.background{ background-color: rgb(216,  
232, 232) }
```

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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