

Converting Colors

CIELCh(73, 13.915, 198.166)

Have a look what the booklet for
CIELCh(73, 13.915, 198.166)
contains.

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Color

CIELCh(73, 13.981, 198.336)

Conversions

Conversions Part 1

Format	Color
Hex	93BBBB
RGB	147, 187, 187
RGB Percent	58%, 73%, 73%
CMY	0.4247, 0.2678, 0.2678
CMYK	0.21, 0.00, 0.00, 0.27
HSL	180°, 23%, 65%
HSV	180°, 21%, 73%
XYZ	38.6246, 45.1644, 53.5273
YIQ	175.0400, -23.8400, -8.4800

Conversions

Conversions Part 2

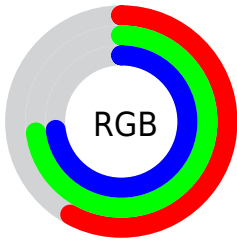
Format	Color
RYB	147, 167, 187
Decimal	9681851
CIELab	73.00, -13.27, -4.40
CIELCh	73, 13.981, 198.336
Yxy	45.1644, 0.2813, 0.3289
Android (android.graphics.Color)	4287871931 (0xFF93BBBB)
YUV	175.0400, 5.8963, -24.5911
Hunter-Lab	67.2044, -15.0180, -0.1804

Details

The CIELCh color **73, 13.981, 198.336** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **64, 16.086, 20.947**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 13.826, 198.550**, and **53, 14.145, 198.011** is the 20% darker color. If you saturate the color by 10%, you get **72, 19.782, 197.871**, and if you desaturate by 10%, it is **74, 7.677, 198.857**.

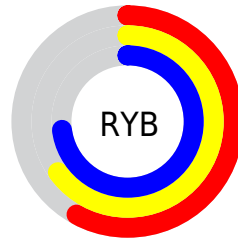
Distribution



Red (58%)

Green (73%)

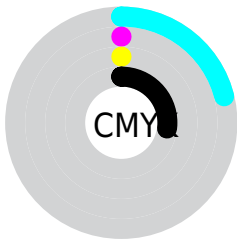
Blue (73%)



Red (58%)

Yellow (65%)

Blue (73%)

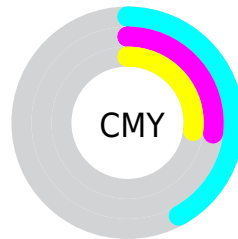


Cyan (21%)

Magenta (0%)

Yellow (0%)

Black (27%)



Cyan (42%)


Magenta (27%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 13.981, 198.336 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 73, 13.981, 198.336 by changing the saturation by 10% instead.


 73, 13.981,
198.336


 73, 13.981,
198.336


 100, 13.981,
198.336


 63, 13.981,
198.336


 93, 13.981,
198.336

 53, 13.981,
198.336

 43, 13.981,
198.336

 33, 13.981,
198.336

 23, 13.981,
198.336

 13, 13.981,
198.336

 3, 13.981, 198.336

0, 13.981, 198.336

73, 13.981,
198.336

73, 13.981,
198.336

72, 19.782,
197.871

74, 7.677, 198.857

71, 24.968,
197.471

76, 0.977, 199.860

77, 6.020, 19.802

70, 29.440,
197.132

79, 13.226, 20.440

70, 33.116,
196.858

80, 20.565, 21.061

82, 26.493, 21.560

69, 35.947,
196.649

82, 26.493, 21.559

69, 37.927,
196.505

82, 26.493, 21.558

■ 69, 39.105,
196.419

■ 82, 26.493, 21.557

■ 69, 39.649,
196.379

Harmonies

Complementary

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



73, 13.981, 198.336



64, 16.086, 20.947

Rectangle

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



73, 13.981, 198.336



73, 13.981, 248.336



73, 13.981, 18.336



73, 13.981, 68.336

Sweetspot

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



73, 13.982, 198.330



95, 5.050, 199.195



72, 26.434, 142.658



51, 3.372, 199.148



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



73, 13.982, 198.330



92, 20.613, 198.093



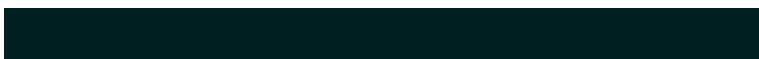
68, 12.671, 256.645



39, 3.863, 198.978



59, 35.061, 196.379



9, 11.663, 196.733

Inverse Universe

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



64, 16.086, 20.947



79, 24.590, 21.464



69, 13.486, 71.007



37, 4.096, 19.914



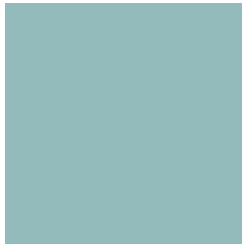
32, 72.801, 39.662



3, 12.251, 19.402

Previews

White Background



This preview shows how the CIELCh color 73, 13.981, 198.336 looks on a white background.

Color Contrast Check

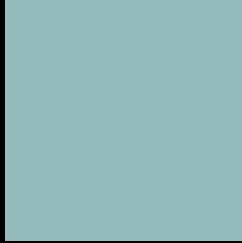
Large Text (above 18pt) WCAG AA × Fail

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 73, 13.981, 198.336 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

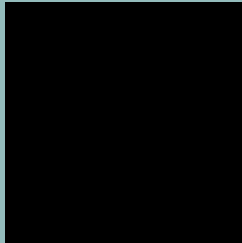
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

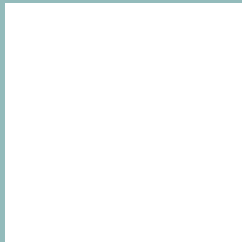
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 13.981, 198.336

Background



This preview shows how black text looks on a background with the CIELCh color 73, 13.981, 198.336.

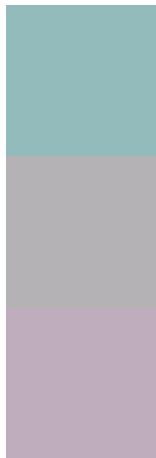


This preview shows how white text looks on a background with the CIELCh color 73, 13.981, 198.336.

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

73, 13.981, 198.336

Protanopia

73, 1.993, 324.412

Deuteranopia

73, 10.999, 328.130



Tritanopia
73, 14.190, 231.181

Trichromacy



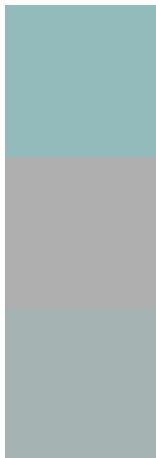
Original Color
73, 13.981, 198.336

Protanomaly
73, 4.491, 213.194

Deuteranomaly
73, 5.528, 279.344

Tritanomaly
73, 13.773, 219.380

Monochromacy



Original Color
73, 13.981, 198.336

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 5.127, 199.081

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 13.981, 198.336 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(147, 187, 187)` looks like.

```
.text, #text, p{  
    color:rgb(147, 187, 187)  
}
```

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(147, 187, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 187, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 13.981, 198.336 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(147, 187, 187) }
```

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

```
.border{ border-color:rgb(147, 187, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 187, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 187, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 187, 187);  
box-shadow:4px 4px 4px 4px rgb(147, 187,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 13.981, 198.336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 187, 187) }
```

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

```
.background{ background-color: rgb(147,  
187, 187) }
```

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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