

Converting Colors

CIELCh(73, 14.521, 201.653)

Have a look what the booklet for
CIELCh(73, 14.521, 201.653)
contains.

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Color

CIELCh(73, 14.586, 200.441)

Conversions

Conversions Part 1

Format	Color
Hex	91BBBC
RGB	145, 187, 188
RGB Percent	57%, 73%, 74%
CMY	0.4316, 0.2668, 0.2629
CMYK	0.23, 0.01, 0.00, 0.26
HSL	181°, 24%, 65%
HSV	181°, 23%, 74%
XYZ	38.5007, 45.1644, 54.2383
YIQ	174.5560, -25.3530, -8.5930

Conversions

Conversions Part 2

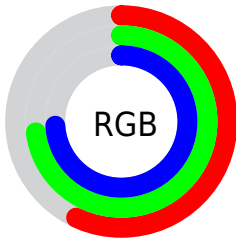
Format	Color
R_{YB}	145, 166, 188
Decimal	9550780
CIE _{Lab}	73.00, -13.67, -5.09
CIE _{LCh}	73, 14.586, 200.441
Yxy	45.1644, 0.2792, 0.3275
Android (android.graphics.Color)	4287740860 (0xFF91BBBC)
YUV	174.5560, 6.6279, -25.9206
Hunter-Lab	67.2044, -15.3471, -0.8077

Details

The CIELCh color **73, 14.586, 200.441** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **64, 16.991, 22.884**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 14.431, 200.574**, and **53, 14.728, 200.231** is the 20% darker color. If you saturate the color by 10%, you get **72, 20.192, 200.088**, and if you desaturate by 10%, it is **74, 8.467, 200.861**.

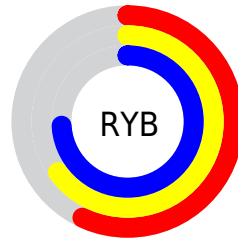
Distribution



Red (57%)

Green (73%)

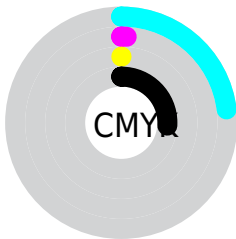
Blue (74%)



Red (57%)

Yellow (65%)

Blue (74%)

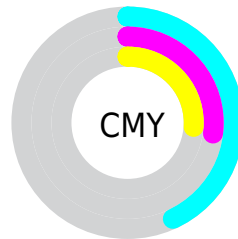


Cyan (23%)

Magenta (1%)

Yellow (0%)

Black (26%)



Cyan (43%)


Magenta (27%)


Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 14.586, 200.441 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, 14.586, 200.441 by changing the saturation by 10% instead.


 73, 14.586,
200.441


 73, 14.586,
200.441


 100, 14.586,
200.441


 63, 14.586,
200.441


 93, 14.586,
200.441

 53, 14.586,
200.441

 43, 14.586,
200.441

 33, 14.586,
200.441

 23, 14.586,
200.441

 13, 14.586,
200.441

 3, 14.586, 200.441

0, 14.586, 200.441

73, 14.586,
200.441

73, 14.586,
200.441

72, 20.192,
200.088

74, 8.467, 200.861

76, 1.939, 201.521

71, 25.174,
199.818

77, 4.898, 21.630

70, 29.434,
199.633

79, 11.958, 22.215

69, 32.892,
199.541

81, 19.165, 22.775

83, 25.377, 23.330

69, 35.501,
199.549

83, 25.225, 23.836

68, 37.259,
199.663

83, 25.075, 24.347

■ 68, 38.219,
199.883

■ 83, 24.926, 24.865

■ 68, 38.571,
200.086

Harmonies

Complementary

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



73, 14.586, 200.441



64, 16.991, 22.884

Rectangle

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



73, 14.586, 200.441



73, 14.586, 250.441



73, 14.586, 20.441



73, 14.586, 70.441

Sweetspot

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



73, 14.587, 200.436



95, 5.790, 201.163



72, 28.226, 143.393



51, 3.755, 201.128



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, 14.587, 200.436



92, 20.994, 200.268



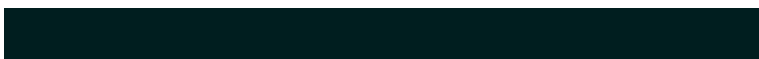
67, 14.016, 260.576



39, 3.773, 201.037



58, 33.952, 200.036



9, 11.300, 199.652

Inverse Universe

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



65, 28.118, 326.310



81, 41.106, 326.559



70, 14.799, 74.342



37, 6.958, 325.555



37, 79.411, 329.164



3, 21.009, 326.257

Previews

White Background



This preview shows how the CIELCh color 73, 14.586, 200.441 looks on a white background.

Color Contrast Check

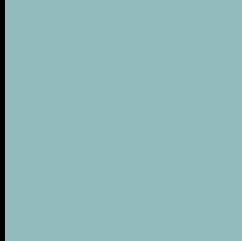
Large Text (above 18pt) WCAG AA × Fail

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, 14.586, 200.441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

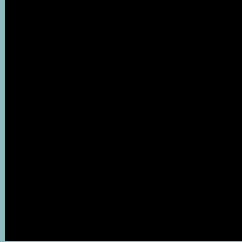
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

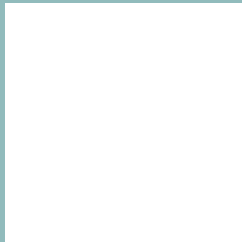
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 14.586, 200.441

Background



This preview shows how black text looks on a background with the CIELCh color 73, 14.586, 200.441.

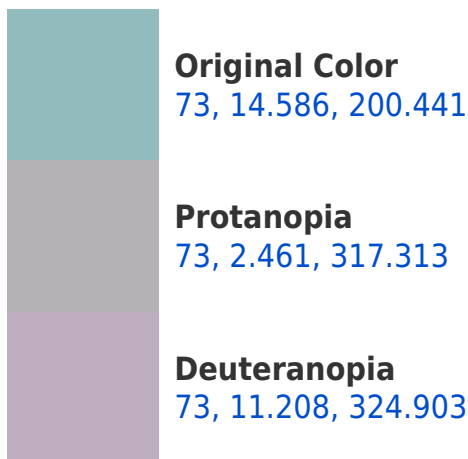


This preview shows how white text looks on a background with the CIELCh color 73, 14.586, 200.441.

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](#).

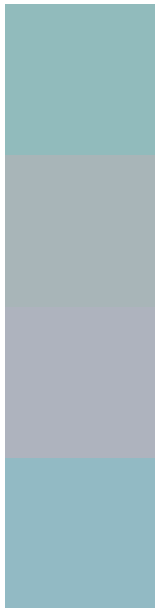
Dichromacy





Tritanopia
73, 14.966, 231.747

Trichromacy



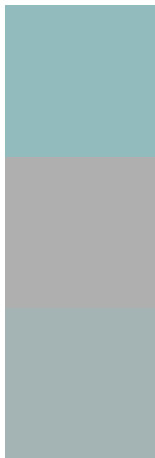
Original Color
73, 14.586, 200.441

Protanomaly
73, 4.968, 218.329

Deuteranomaly
73, 6.211, 273.859

Tritanomaly
73, 14.509, 220.555

Monochromacy



Original Color
73, 14.586, 200.441

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 5.489, 204.758

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 14.586, 200.441 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(145, 187, 188)` looks like.

```
.text, #text, p{  
    color:rgb(145, 187, 188)  
}
```

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(145, 187, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 187, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 14.586, 200.441 is called "border". The border property can be set on classes, ids or directly on the HTML element.

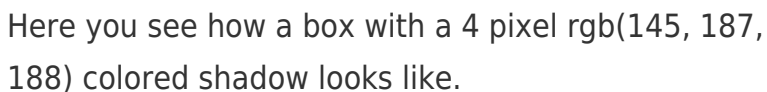
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(145, 187, 188) }
```

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

```
.border{ border-color:rgb(145, 187, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(145, 187, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 187, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 187, 188);  
box-shadow:4px 4px 4px 4px rgb(145, 187,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 14.586, 200.441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 187, 188) }
```

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

```
.background{ background-color: rgb(145,  
187, 188) }
```

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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