

Converting Colors

CIELCh(73, 25.544, 148.496)

Have a look what the booklet for
CIELCh(73, 25.544, 148.496)
contains.

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Color

CIELCh(73, 25.658, 148.271)

Conversions

Conversions Part 1

Format	Color
Hex	92BE9A
RGB	146, 190, 154
RGB Percent	57%, 75%, 60%
CMY	0.4282, 0.2556, 0.3968
CMYK	0.23, 0.00, 0.19, 0.26
HSL	131°, 25%, 66%
HSV	131°, 23%, 74%
XYZ	36.0101, 45.1644, 37.3106
YIQ	172.7400, -14.6680, -20.5240

Conversions

Conversions Part 2

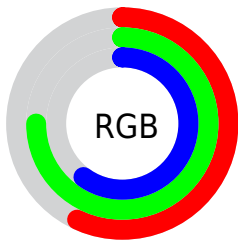
Format	Color
RYB	146, 183, 190
Decimal	9617050
CIELab	73.00, -21.82, 13.49
CIELCh	73, 25.658, 148.271
Yxy	45.1644, 0.3039, 0.3812
Android (android.graphics.Color)	4287807130 (0xFF92BE9A)
YUV	172.7400, -9.2388, -23.4510
Hunter-Lab	67.2044, -21.9622, 14.1265

Details

The CIELCh color **73, 25.658, 148.271** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **66, 25.751, 331.330**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 25.460, 147.787**, and **53, 25.410, 148.748** is the 20% darker color. If you saturate the color by 10%, you get **72, 36.661, 147.363**, and if you desaturate by 10%, it is **75, 14.550, 149.058**.

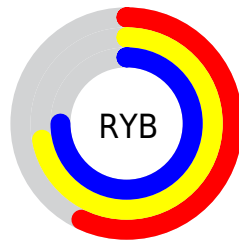
Distribution



Red (57%)

Green (75%)

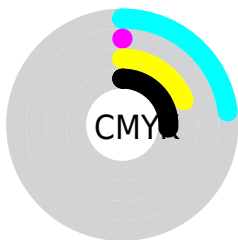
Blue (60%)



Red (57%)

Yellow (72%)

Blue (75%)

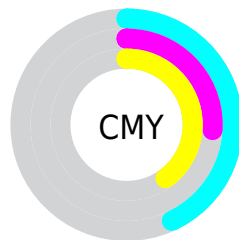


Cyan (23%)

Magenta (0%)

Yellow (19%)

Black (26%)



Cyan (43%)


Magenta (26%)


Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 25.658, 148.271 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, 25.658, 148.271 by changing the saturation by 10% instead.


 73, 25.658,
148.271


 73, 25.658,
148.271


 100, 25.658,
148.271


 63, 25.658,
148.271


 93, 25.658,
148.271

 53, 25.658,
148.271

 43, 25.658,
148.271

 33, 25.658,
148.271

 23, 25.658,
148.271

 13, 25.658,
148.271

 3, 25.658, 148.271

0, 25.658, 148.271

73, 25.658,
148.271

73, 25.658,
148.271

72, 36.661,
147.363

75, 14.550,
149.058

70, 47.365,
146.314

76, 3.482, 149.793

69, 57.547,
145.111

78, 7.430, 330.249

80, 18.106,
330.775

69, 66.961,
143.752

82, 28.493,
331.219

68, 75.349,
142.258

84, 37.600,
329.502

68, 82.466,
140.680

85, 40.874,

■ 67, 88.098,
139.107

325.842

■ 67, 91.088,
138.165

Harmonies

Complementary

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



73, 25.658, 148.271



66, 25.751, 331.330

Rectangle

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



73, 25.658, 148.271



73, 25.658, 198.271



73, 25.658, 328.271



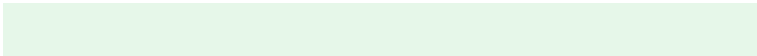
73, 25.658, 18.271

Sweetspot

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



73, 25.660, 148.271



96, 9.546, 149.494



75, 23.646, 115.037



51, 6.256, 149.451



99, 0.012, 296.813



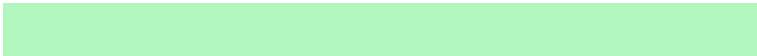
52, 0.007, 296.813

Same Dimension

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



73, 25.660, 148.271



92, 38.420, 147.808



74, 17.833, 171.495



39, 6.213, 149.335



57, 79.144, 138.386



9, 19.834, 148.020

Inverse Universe

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



66, 25.751, 331.330



81, 38.558, 331.674



65, 18.920, 356.049



37, 6.231, 330.442



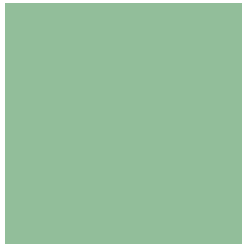
36, 70.292, 336.946



3, 17.942, 333.237

Previews

White Background



This preview shows how the CIELCh color 73, 25.658, 148.271 looks on a white background.

Color Contrast Check

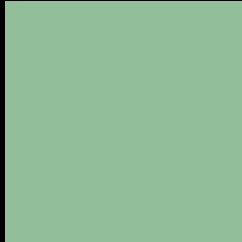
Large Text (above 18pt) WCAG AA × Fail

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, 25.658, 148.271 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, 25.658, 148.271

Background



This preview shows how black text looks on a background with the CIELCh color 73, 25.658, 148.271.



This preview shows how white text looks on a background with the CIELCh color 73, 25.658, 148.271.

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, 25.658, 148.271

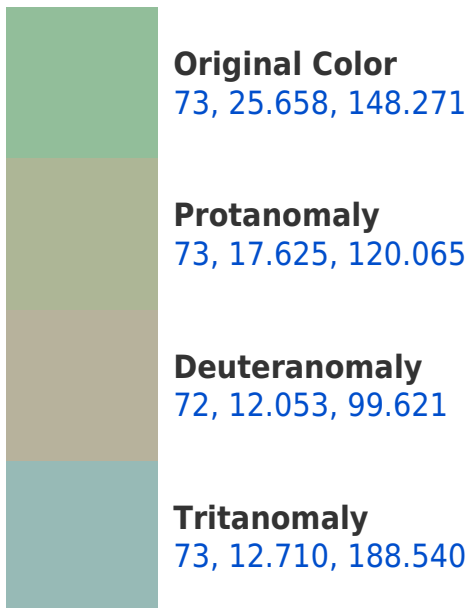
Protanopia
73, 16.796, 93.351

Deuteranopia
73, 14.900, 50.639

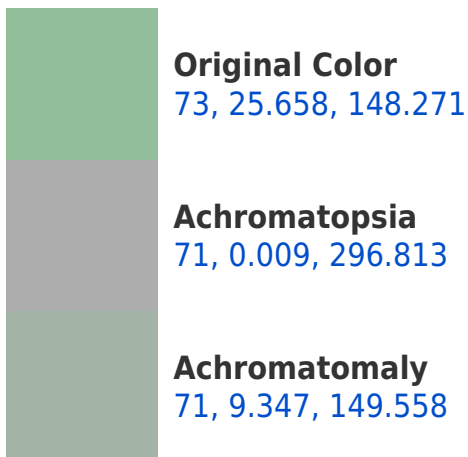


Tritanopia
73, 12.618, 235.991

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 25.658, 148.271 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(146, 190, 154)` looks like.

```
.text, #text, p{  
    color:rgb(146, 190, 154)  
}
```

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(146, 190, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 190, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 25.658, 148.271 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(146, 190, 154) }
```

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

```
.border{ border-color:rgb(146, 190, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 190, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 190, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 190, 154);  
box-shadow:4px 4px 4px 4px rgb(146, 190,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 25.658, 148.271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 190, 154) }
```

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

```
.background{ background-color: rgb(146,  
190, 154) }
```

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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