

Converting Colors

CIELCh(73, 19.282, 145.604)

Have a look what the booklet for
CIELCh(73, 19.282, 145.604)
contains.

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Color

CIELCh(73, 19.242, 146.125)

Conversions

Conversions Part 1

Format	Color
Hex	9CBB9F
RGB	156, 187, 159
RGB Percent	61%, 73%, 62%
CMY	0.3879, 0.2663, 0.3761
CMYK	0.17, 0.00, 0.15, 0.27
HSL	126°, 19%, 67%
HSV	126°, 17%, 73%
XYZ	37.7845, 45.1644, 39.5688
YIQ	174.5390, -9.4880, -15.2800

Conversions

Conversions Part 2

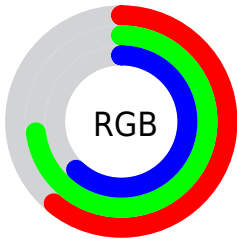
Format	Color
RYB	156, 184, 187
Decimal	10271647
CIELab	73.00, -15.98, 10.73
CIELCh	73, 19.242, 146.125
Yxy	45.1644, 0.3084, 0.3686
Android (android.graphics.Color)	4288461727 (0xFF9CBB9F)
YUV	174.5390, -7.6607, -16.2587
Hunter-Lab	67.2044, -17.2493, 12.1342

Details

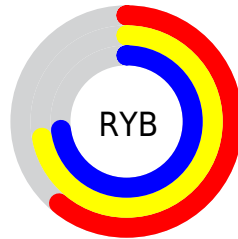
The CIELCh color $73, 19.242, 146.125$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $68, 19.276, 328.111$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 18.924, 146.265$, and $53, 19.315, 146.833$ is the 20% darker color. If you saturate the color by 10%, you get $71, 30.901, 145.331$, and if you desaturate by 10%, it is $75, 7.586, 146.821$.

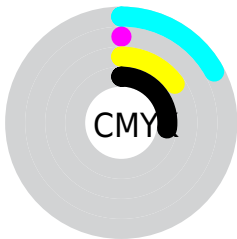
Distribution



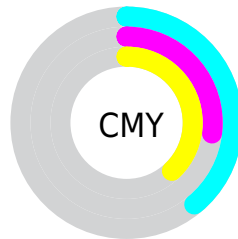
- Red (61%)
- Green (73%)
- Blue (62%)



- Red (61%)
- Yellow (72%)
- Blue (73%)



- Cyan (17%)
- Magenta (0%)
- Yellow (15%)
- Black (27%)





- Cyan (39%)
- Magenta (27%)
- Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 19.242, 146.125 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, 19.242, 146.125 by changing the saturation by 10% instead.


 73, 19.242,
146.125


 73, 19.242,
146.125


 100, 19.242,
146.125


 63, 19.242,
146.125


 93, 19.242,
146.125

 53, 19.242,
146.125

 43, 19.242,
146.125

 33, 19.242,
146.125

 23, 19.242,
146.125

 13, 19.242,
146.125

 3, 19.242, 146.125

0, 19.242, 146.125

73, 19.242,
146.125

73, 19.242,
146.125

71, 30.901,
145.331

75, 7.586, 146.821

70, 42.375,
144.412

77, 3.936, 327.294

69, 53.436,
143.357

79, 15.225,
327.837

68, 63.808,
142.168

81, 26.218,
328.268

67, 73.176,
140.870

83, 36.877,
328.636

67, 81.197,
139.523

84, 42.564,
325.900

■ 66, 87.527,
138.227

■ 66, 91.897,
137.124

■ 66, 92.982,
136.862

Harmonies

Complementary

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



73, 19.242, 146.125



68, 19.276, 328.111

Rectangle

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



73, 19.242, 146.125



73, 19.242, 196.125



73, 19.242, 326.125



73, 19.242, 16.125

Sweetspot

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



73, 19.244, 146.125



94, 7.109, 146.923



75, 16.647, 112.079



51, 4.893, 146.874



98, 0.011, 296.813



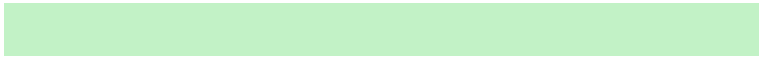
51, 0.007, 296.813

Same Dimension

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



73, 19.244, 146.125



91, 28.679, 145.841



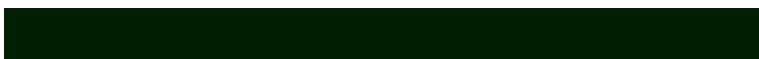
73, 13.436, 166.930



39, 6.601, 146.633



57, 81.818, 137.000



9, 20.687, 146.242

Inverse Universe

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



68, 19.276, 328.111



84, 28.725, 328.332



67, 13.845, 349.907



37, 6.615, 327.683



36, 75.006, 332.446



3, 19.535, 329.136

Previews

White Background



This preview shows how the CIELCh color 73, 19.242, 146.125 looks on a white background.

Color Contrast Check

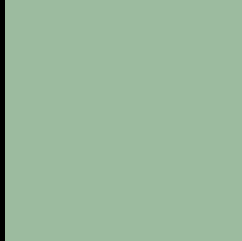
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 73, 19.242, 146.125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

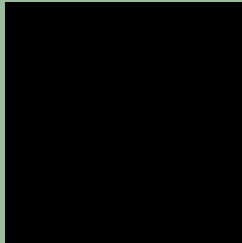
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

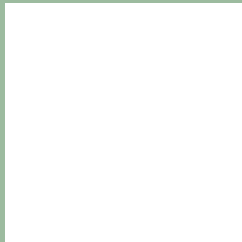
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 19.242, 146.125

Background



This preview shows how black text looks on a background with the CIELCh color 73, 19.242, 146.125.



This preview shows how white text looks on a background with the CIELCh color 73, 19.242, 146.125.

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, 19.242, 146.125

Protanopia

73, 13.043, 91.302

Deuteranopia

73, 13.058, 44.617



Tritanopia
73, 10.190, 247.485

Trichromacy



Original Color
73, 19.242, 146.125

Protanomaly
73, 13.646, 117.067

Deuteranomaly
72, 9.197, 89.498

Tritanomaly
73, 8.678, 195.163

Monochromacy



Original Color
73, 19.242, 146.125

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 6.868, 146.676

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 19.242, 146.125 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(156, 187, 159)` looks like.

```
.text, #text, p{  
    color:rgb(156, 187, 159)  
}
```

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(156, 187, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 187, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 19.242, 146.125 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(156, 187, 159) }
```

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

```
.border{ border-color:rgb(156, 187, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 187, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 187, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 187, 159);  
box-shadow:4px 4px 4px 4px rgb(156, 187,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 19.242, 146.125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 187, 159) }
```

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

```
.background{ background-color: rgb(156,  
187, 159) }
```

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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