

Converting Colors

CIELCh(73, 13.948, 148.649)

Have a look what the booklet for
CIELCh(73, 13.948, 148.649)
contains.

CIELCh(73, 13.514, 148.850)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(73, 13.514, 148.850)

Conversions

Conversions Part 1

Format	Color
Hex	A2B9A6
RGB	162, 185, 166
RGB Percent	64%, 73%, 65%
CMY	0.3645, 0.2743, 0.3488
CMYK	0.12, 0.00, 0.10, 0.27
HSL	130°, 14%, 68%
HSV	130°, 12%, 73%
XYZ	39.1607, 45.1644, 42.7570
YIQ	175.9570, -7.6090, -10.7850

Conversions

Conversions Part 2

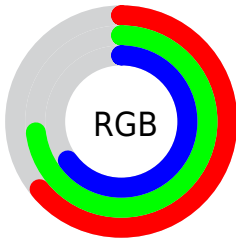
Format	Color
RYB	162, 182, 185
Decimal	10664358
CIELab	73.00, -11.57, 6.99
CIELCh	73, 13.514, 148.850
Yxy	45.1644, 0.3082, 0.3554
Android (android.graphics.Color)	4288854438 (0xFFA2B9A6)
YUV	175.9570, -4.9088, -12.2403
Hunter-Lab	67.2044, -13.5940, 9.3215

Details

The CIELCh color **73, 13.514, 148.850** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **69, 13.554, 330.364**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 13.472, 148.776**, and **53, 13.697, 148.832** is the 20% darker color. If you saturate the color by 10%, you get **71, 24.464, 148.075**, and if you desaturate by 10%, it is **75, 2.620, 149.596**.

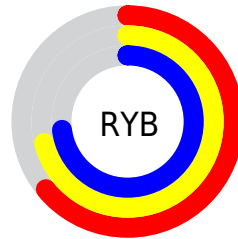
Distribution



Red (64%)

Green (73%)

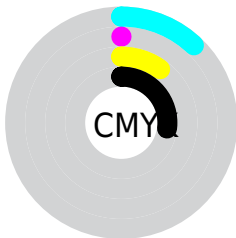
Blue (65%)



Red (64%)

Yellow (71%)

Blue (73%)

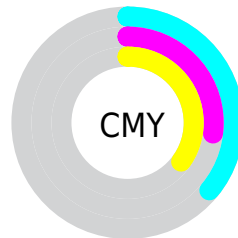


Cyan (12%)

Magenta (0%)

Yellow (10%)

Black (27%)



Cyan (36%)


Magenta (27%)


Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 13.514, 148.850 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, 13.514, 148.850 by changing the saturation by 10% instead.


 73, 13.514,
148.850


 73, 13.514,
148.850


 100, 13.514,
148.850


 63, 13.514,
148.850


 93, 13.514,
148.850

 53, 13.514,
148.850

 43, 13.514,
148.850

 33, 13.514,
148.850

 23, 13.514,
148.850

 13, 13.514,
148.850

 3, 13.514, 148.850

0, 13.514, 148.850

73, 13.514,
148.850

73, 13.514,
148.850

71, 24.464,
148.075

75, 2.620, 149.596

70, 35.320,
147.182

77, 8.115, 330.021

69, 45.898,
146.151

79, 18.612,
330.533

68, 55.979,
144.968

81, 28.821,
330.969

67, 65.320,
143.632

83, 38.714,
331.348

66, 73.664,
142.162

84, 43.831,
325.943

■ 66, 80.760,
140.610

■ 66, 86.386,
139.064

■ 66, 89.650,
138.041

Harmonies

Complementary

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



73, 13.514, 148.850



69, 13.554, 330.364

Rectangle

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



73, 13.514, 148.850



73, 13.514, 198.850



73, 13.514, 328.850



73, 13.514, 18.850

Sweetspot

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



73, 13.516, 148.850



94, 5.333, 149.451



74, 12.466, 115.820



50, 3.791, 149.393



97, 0.011, 296.813



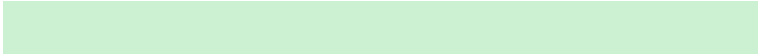
50, 0.007, 296.813

Same Dimension

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



73, 13.516, 148.850



92, 20.151, 148.642



73, 9.462, 172.597



38, 6.109, 149.071



56, 78.458, 138.251



8, 17.302, 148.113

Inverse Universe

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



69, 13.554, 330.364



86, 20.211, 330.542



69, 9.763, 354.829



36, 6.126, 330.167



35, 69.885, 336.478



3, 15.779, 332.563

Previews

White Background



This preview shows how the CIELCh color 73, 13.514, 148.850 looks on a white background.

Color Contrast Check

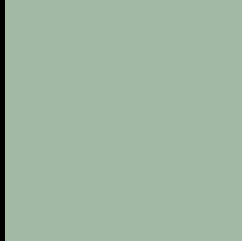
Large Text (above 18pt) WCAG AA × Fail

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, 13.514, 148.850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

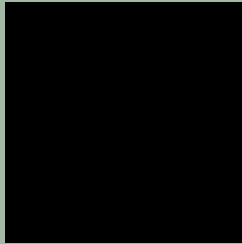
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

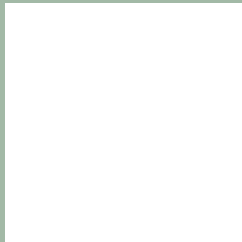
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 13.514, 148.850

Background



This preview shows how black text looks on a background with the CIELCh color 73, 13.514, 148.850.

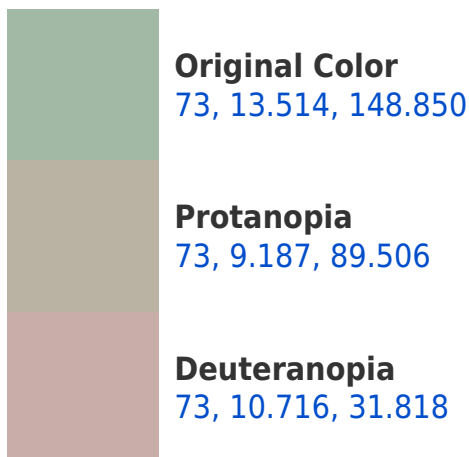


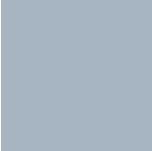
This preview shows how white text looks on a background with the CIELCh color 73, 13.514, 148.850.

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, 8.966, 257.395

Trichromacy



Original Color
73, 13.514, 148.850

Protanomaly
73, 9.856, 118.211

Deuteranomaly
73, 5.961, 74.195

Tritanomaly
73, 6.227, 209.071

Monochromacy



Original Color
73, 13.514, 148.850

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 4.868, 147.835

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 13.514, 148.850 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(162, 185, 166)` looks like.

```
.text, #text, p{  
    color:rgb(162, 185, 166)  
}
```

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(162, 185, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 185, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 13.514, 148.850 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(162, 185, 166) }
```

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

```
.border{ border-color:rgb(162, 185, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 185, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 185, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 185, 166);  
box-shadow:4px 4px 4px 4px rgb(162, 185,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 13.514, 148.850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 185, 166) }
```

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

```
.background{ background-color: rgb(162,  
185, 166) }
```

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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