

Converting Colors

CIELCh(73, 19.263, 136.233)

Have a look what the booklet for
CIELCh(73, 19.263, 136.233)
contains.

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Color

CIELCh(73, 19.454, 135.559)

Conversions

Conversions Part 1

Format	Color
Hex	A3BA9A
RGB	163, 186, 154
RGB Percent	64%, 73%, 60%
CMY	0.3613, 0.2711, 0.3966
CMYK	0.12, 0.00, 0.17, 0.27
HSL	103°, 19%, 67%
HSV	103°, 17%, 73%
XYZ	38.4314, 45.1644, 37.2087
YIQ	175.4750, -3.4360, -14.8280

Conversions

Conversions Part 2

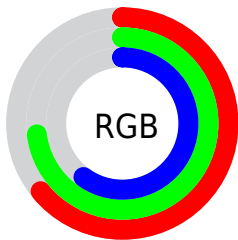
Format	Color
RYB	154, 186, 177
Decimal	10730138
CIELab	73.00, -13.89, 13.62
CIELCh	73, 19.454, 135.559
Yxy	45.1644, 0.3181, 0.3739
Android (android.graphics.Color)	4288920218 (0xFFA3BA9A)
YUV	175.4750, -10.5872, -10.9406
Hunter-Lab	67.2044, -15.5311, 14.2164

Details

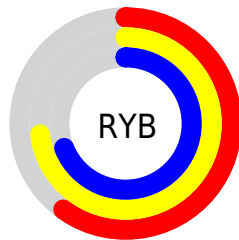
The CIELCh color **73, 19.454, 135.559** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **66, 19.692, 317.043**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 19.584, 135.303**, and **53, 19.497, 135.760** is the 20% darker color. If you saturate the color by 10%, you get **72, 30.782, 135.038**, and if you desaturate by 10%, it is **74, 8.120, 136.042**.

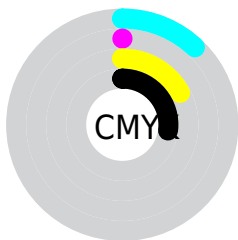
Distribution



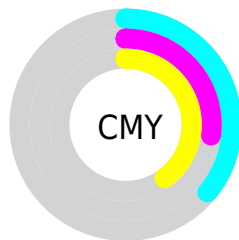
- Red (64%)
- Green (73%)
- Blue (60%)



- Red (60%)
- Yellow (73%)
- Blue (69%)



- Cyan (12%)
- Magenta (0%)
- Yellow (17%)
- Black (27%)





- Cyan (36%)
- Magenta (27%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 19.454, 135.559 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, 19.454, 135.559 by changing the saturation by 10% instead.


 73, 19.454,
135.559


 73, 19.454,
135.559


 100, 19.454,
135.559


 63, 19.454,
135.559


 93, 19.454,
135.559

 53, 19.454,
135.559

 43, 19.454,
135.559

 33, 19.454,
135.559

 23, 19.454,
135.559

 13, 19.454,
135.559

 3, 19.454, 135.559

0, 19.454, 135.559

73, 19.454,
135.559

73, 19.454,
135.559

72, 30.782,
135.038

74, 8.120, 136.042

71, 41.963,
134.479

76, 3.128, 316.381

70, 52.815,
133.906

78, 14.222,
316.790

69, 63.079,
133.363

79, 25.115,
317.113

68, 72.409,
132.928

81, 35.776,
317.389

67, 80.358,
132.708

83, 41.422,
320.846

84, 43.327,

■ 67, 86.452,
132.831

325.926

■ 66, 90.440,
133.351

■ 66, 91.362,
133.488

Harmonies

Complementary

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



73, 19.454, 135.559



66, 19.692, 317.043

Rectangle

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



73, 19.454, 135.559



73, 19.454, 185.559



73, 19.454, 315.559



73, 19.454, 5.559

Sweetspot

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



73, 19.456, 135.560



95, 6.968, 136.145



72, 12.916, 92.821



51, 4.795, 136.110



98, 0.011, 296.813



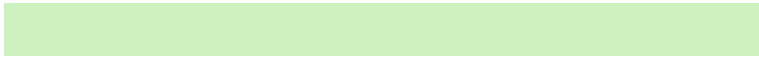
51, 0.007, 296.813

Same Dimension

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



73, 19.456, 135.560



92, 29.454, 135.350



73, 18.245, 149.945



38, 6.320, 135.942



56, 79.928, 133.320



8, 17.727, 138.646

Inverse Universe

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



66, 19.692, 317.043



82, 29.892, 317.224



67, 18.321, 332.193



36, 6.368, 316.698



29, 82.443, 318.084



2, 16.767, 312.992

Previews

White Background



This preview shows how the CIELCh color 73, 19.454, 135.559 looks on a white background.

Color Contrast Check

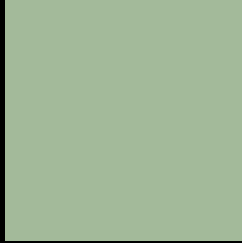
Large Text (above 18pt) WCAG AA × Fail

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, 19.454, 135.559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

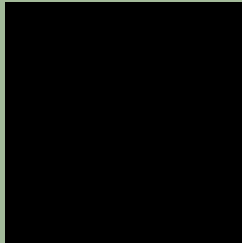
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 19.454, 135.559

Background



This preview shows how black text looks on a background with the CIELCh color 73, 19.454, 135.559.



This preview shows how white text looks on a background with the CIELCh color 73, 19.454, 135.559.

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, 19.454, 135.559

Protanopia

73, 15.754, 92.486

Deuteranopia

73, 15.212, 52.298



Tritanopia
73, 8.948, 265.126

Trichromacy



Original Color
73, 19.454, 135.559

Protanomaly
73, 16.194, 111.387

Deuteranomaly
73, 12.311, 86.402

Tritanomaly
73, 5.622, 187.880

Monochromacy



Original Color
73, 19.454, 135.559

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 7.209, 134.415

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 19.454, 135.559 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(163, 186, 154)` looks like.

```
.text, #text, p{  
    color:rgb(163, 186, 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(163, 186, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 186, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 19.454, 135.559 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(163, 186, 154) }
```

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

```
.border{ border-color:rgb(163, 186, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 186, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 186, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 186, 154);  
box-shadow:4px 4px 4px 4px rgb(163, 186,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 19.454, 135.559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 186, 154) }
```

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

```
.background{ background-color: rgb(163,  
186, 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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