

Converting Colors

CIELCh(73, 24.603, 139.105)

Have a look what the booklet for
CIELCh(73, 24.603, 139.105)
contains.

CIELCh(73, 24.627, 139.099)	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, 24.627, 139.099)

Conversions

Conversions Part 1

Format	Color
Hex	9BBC95
RGB	155, 188, 149
RGB Percent	61%, 74%, 58%
CMY	0.3917, 0.2623, 0.4153
CMYK	0.18, 0.00, 0.21, 0.26
HSL	111°, 23%, 66%
HSV	111°, 21%, 74%
XYZ	36.9769, 45.1644, 35.2457
YIQ	173.6870, -7.1490, -19.1250

Conversions

Conversions Part 2

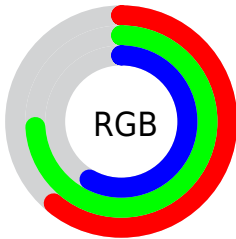
Format	Color
RYB	149, 188, 182
Decimal	10206357
CIELab	73.00, -18.61, 16.12
CIELCh	73, 24.627, 139.099
Yxy	45.1644, 0.3150, 0.3847
Android (android.graphics.Color)	4288396437 (0xFF9BBC95)
YUV	173.6870, -12.1707, -16.3885
Hunter-Lab	67.2044, -19.3944, 15.9482

Details

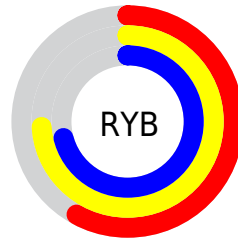
The CIELCh color $73, 24.627, 139.099$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $66, 24.810, 321.113$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 24.500, 138.839$, and $53, 24.989, 139.234$ is the 20% darker color. If you saturate the color by 10%, you get $72, 36.498, 138.461$, and if you desaturate by 10%, it is $75, 12.704, 139.669$.

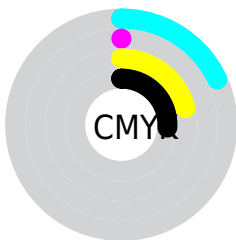
Distribution



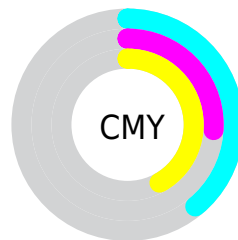
- Red (61%)
- Green (74%)
- Blue (58%)



- Red (58%)
- Yellow (74%)
- Blue (71%)



- Cyan (18%)
- Magenta (0%)
- Yellow (21%)
- Black (26%)





- Cyan (39%)
- Magenta (26%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 24.627, 139.099 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, 24.627, 139.099 by changing the saturation by 10% instead.


 73, 24.627,
139.099


 73, 24.627,
139.099


 100, 24.627,
139.099


 63, 24.627,
139.099


 93, 24.627,
139.099

 53, 24.627,
139.099

 43, 24.627,
139.099

 33, 24.627,
139.099

 23, 24.627,
139.099

 13, 24.627,
139.099

 3, 24.627, 139.099

0, 24.627, 139.099

73, 24.627,
139.099

73, 24.627,
139.099

72, 36.498,
138.461

75, 12.704,
139.669

70, 48.129,
137.756

76, 0.857, 140.386

69, 59.272,
137.007

78, 10.815,
320.540

69, 69.602,
136.262

80, 22.248,
320.908

68, 78.697,
135.605

82, 33.400,
321.217

67, 86.062,
135.154

84, 41.192,
323.997

■ 67, 91.233,
135.034

■ 84, 41.934,
325.878

■ 67, 94.173,
135.147

Harmonies

Complementary

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



73, 24.627, 139.099



66, 24.810, 321.113

Rectangle

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



73, 24.627, 139.099



73, 24.627, 189.099



73, 24.627, 319.099



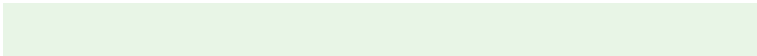
73, 24.627, 9.099

Sweetspot

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



73, 24.629, 139.100



95, 8.766, 139.917



74, 17.679, 100.026



51, 5.815, 139.882



98, 0.011, 296.813



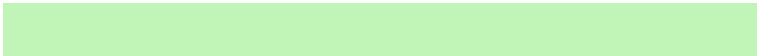
51, 0.007, 296.813

Same Dimension

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



73, 24.629, 139.100



92, 36.794, 138.810



73, 20.352, 154.079



39, 6.717, 139.743



57, 82.696, 135.043



9, 20.882, 141.405

Inverse Universe

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



66, 24.810, 321.113



81, 37.113, 321.327



66, 20.564, 337.155



37, 6.748, 320.579



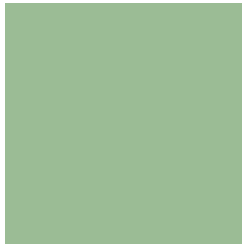
33, 81.859, 322.422



3, 19.943, 318.728

Previews

White Background



This preview shows how the CIELCh color 73, 24.627, 139.099 looks on a white background.

Color Contrast Check

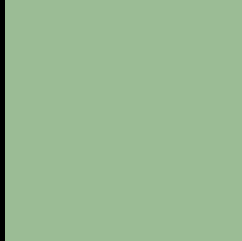
Large Text (above 18pt) WCAG AA × Fail

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, 24.627, 139.099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

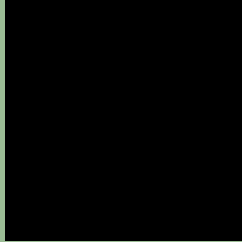
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 24.627, 139.099

Background



This preview shows how black text looks on a background with the CIELCh color 73, 24.627, 139.099.



This preview shows how white text looks on a background with the CIELCh color 73, 24.627, 139.099.

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](#).

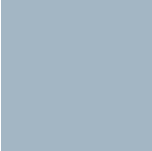
Dichromacy



Original Color
73, 24.627, 139.099

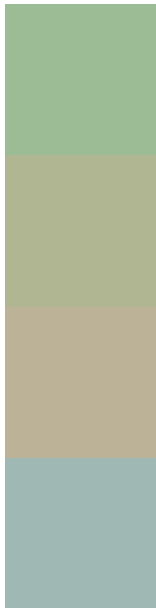
Protanopia
73, 18.989, 93.564

Deuteranopia
73, 17.269, 58.721



Tritanopia
73, 9.968, 248.951

Trichromacy



Original Color
73, 24.627, 139.099

Protanomaly
73, 19.479, 114.138

Deuteranomaly
73, 15.021, 94.937

Tritanomaly
73, 9.196, 181.503

Monochromacy



Original Color
73, 24.627, 139.099

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 8.902, 140.140

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 24.627, 139.099 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(155, 188, 149)` looks like.

```
.text, #text, p{  
    color:rgb(155, 188, 149)  
}
```

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(155, 188, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 188, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 24.627, 139.099 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(155, 188, 149) }
```

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

```
.border{ border-color:rgb(155, 188, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 188, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 188, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 188, 149);  
box-shadow:4px 4px 4px 4px rgb(155, 188,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 24.627, 139.099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 188, 149) }
```

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

```
.background{ background-color: rgb(155,  
188, 149) }
```

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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