

Converting Colors

CIELCh(73, 23.013, 149.057)

Have a look what the booklet for
CIELCh(73, 23.013, 149.057)
contains.

CIELCh(73, 23.036, 149.049)	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, 23.036, 149.049)

Conversions

Conversions Part 1

Format	Color
Hex	95BD9D
RGB	149, 189, 157
RGB Percent	58%, 74%, 62%
CMY	0.4161, 0.2592, 0.3847
CMYK	0.21, 0.00, 0.17, 0.26
HSL	132°, 23%, 66%
HSV	132°, 21%, 74%
XYZ	36.6310, 45.1644, 38.6426
YIQ	173.3920, -13.5680, -18.4320

Conversions

Conversions Part 2

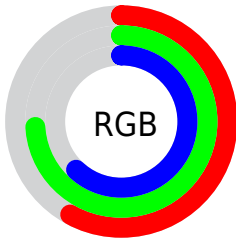
Format	Color
RYB	149, 182, 189
Decimal	9813405
CIELab	73.00, -19.76, 11.85
CIELCh	73, 23.036, 149.049
Yxy	45.1644, 0.3041, 0.3750
Android (android.graphics.Color)	4288003485 (0xFF95BD9D)
YUV	173.3920, -8.0813, -21.3918
Hunter-Lab	67.2044, -20.3132, 12.9513

Details

The CIELCh color **73, 23.036, 149.049** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **66, 23.131, 331.850**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 22.548, 149.217**, and **53, 23.320, 149.522** is the 20% darker color. If you saturate the color by 10%, you get **72, 33.884, 148.159**, and if you desaturate by 10%, it is **75, 12.116, 149.823**.

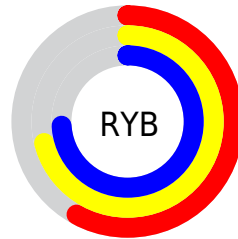
Distribution



Red (58%)

Green (74%)

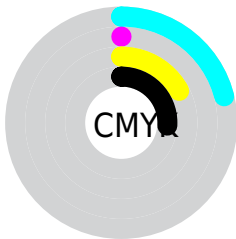
Blue (62%)



Red (58%)

Yellow (71%)

Blue (74%)

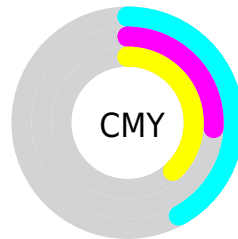


Cyan (21%)

Magenta (0%)

Yellow (17%)

Black (26%)



Cyan (42%)


Magenta (26%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 23.036, 149.049 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, 23.036, 149.049 by changing the saturation by 10% instead.


 73, 23.036,
149.049


 73, 23.036,
149.049


 100, 23.036,
149.049


 63, 23.036,
149.049


 93, 23.036,
149.049

 53, 23.036,
149.049

 43, 23.036,
149.049

 33, 23.036,
149.049

 23, 23.036,
149.049

 13, 23.036,
149.049

 3, 23.036, 149.049

73, 23.036,
149.049

73, 23.036,
149.049

72, 33.884,
148.159

75, 12.116,
149.823

70, 44.480,
147.132

76, 1.258, 150.693

69, 54.614,
145.951

78, 9.430, 330.997

68, 64.054,
144.608

80, 19.877,
331.511

68, 72.558,
143.115

83, 30.035,
331.952

67, 79.895,
141.509

84, 38.398,
329.182

84, 41.439,

■ 67, 85.865,
139.866

325.862

■ 67, 89.961,
138.538

Harmonies

Complementary

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



73, 23.036, 149.049



66, 23.131, 331.850

Rectangle

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



73, 23.036, 149.049



73, 23.036, 199.049



73, 23.036, 329.049



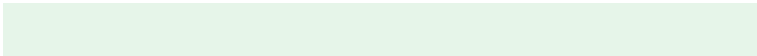
73, 23.036, 19.049

Sweetspot

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



73, 23.038, 149.049



95, 8.002, 150.190



75, 21.615, 116.558



50, 5.308, 150.143



98, 0.011, 296.813



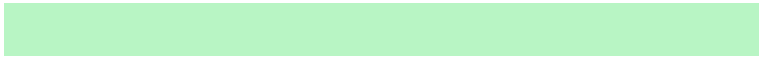
51, 0.007, 296.813

Same Dimension

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



73, 23.038, 149.049



91, 33.579, 148.688



73, 15.907, 173.974



39, 6.132, 149.955



57, 78.430, 138.768



9, 19.655, 148.419

Inverse Universe

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



66, 23.131, 331.850



81, 33.724, 332.130



66, 16.906, 358.105



37, 6.152, 331.076



36, 69.352, 338.015



3, 17.625, 334.210

Previews

White Background



This preview shows how the CIELCh color 73, 23.036, 149.049 looks on a white background.

Color Contrast Check

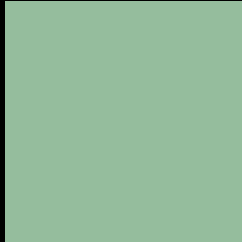
Large Text (above 18pt) WCAG AA × Fail

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, 23.036, 149.049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

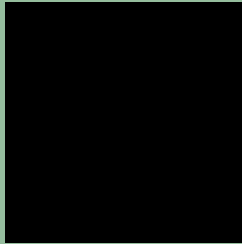
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 23.036, 149.049

Background



This preview shows how black text looks on a background with the CIELCh color 73, 23.036, 149.049.

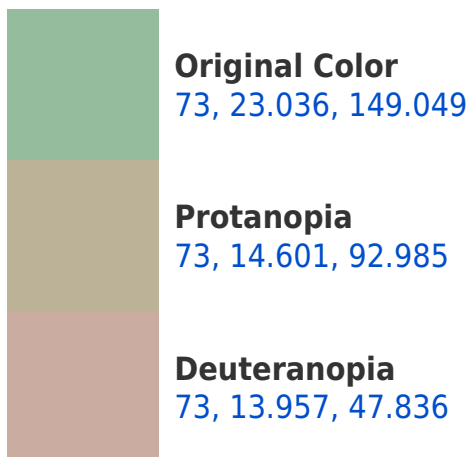


This preview shows how white text looks on a background with the CIELCh color 73, 23.036, 149.049.

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, 12.182, 241.034

Trichromacy



Original Color
73, 23.036, 149.049

Protanomaly
73, 15.439, 120.372

Deuteranomaly
73, 10.455, 98.396

Tritanomaly
73, 11.487, 193.073

Monochromacy



Original Color
73, 23.036, 149.049

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 8.681, 150.027

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 23.036, 149.049 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(149, 189, 157)` looks like.

```
.text, #text, p{  
    color:rgb(149, 189, 157)  
}
```

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(149, 189, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 189, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 23.036, 149.049 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(149, 189, 157) }
```

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

```
.border{ border-color:rgb(149, 189, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 189, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 189, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 189, 157);  
box-shadow:4px 4px 4px 4px rgb(149, 189,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 23.036, 149.049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 189, 157) }
```

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

```
.background{ background-color: rgb(149,  
189, 157) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor