

Converting Colors

CIELCh(73, 59.629, 123.851)

Have a look what the booklet for
CIELCh(73, 59.629, 123.851)
contains.

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Color

CIELCh(73, 60.026, 123.697)

Conversions

Conversions Part 1

Format	Color
Hex	93C253
RGB	147, 194, 83
RGB Percent	58%, 76%, 33%
CMY	0.4253, 0.2410, 0.6761
CMYK	0.24, 0.00, 0.57, 0.24
HSL	85°, 47%, 54%
HSV	85°, 57%, 76%
XYZ	32.6901, 45.1644, 15.0934
YIQ	167.2930, 7.6190, -44.4850

Conversions

Conversions Part 2

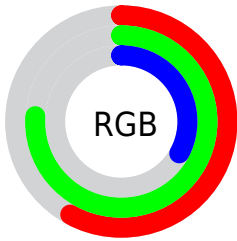
Format	Color
RYB	83, 194, 130
Decimal	9683539
CIELab	73.00, -33.30, 49.94
CIElCh	73, 60.026, 123.697
Yxy	45.1644, 0.3517, 0.4859
Android (android.graphics.Color)	4287873619 (0xFF93C253)
YUV	167.2930, -41.5564, -17.7970
Hunter-Lab	67.2044, -30.7804, 33.7272

Details

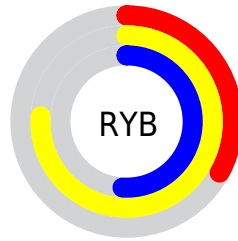
The CIELCh color **73, 60.026, 123.697** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **45, 66.580, 309.715**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 60.145, 123.860**, and **53, 60.059, 123.595** is the 20% darker color. If you saturate the color by 10%, you get **72, 68.819, 123.509**, and if you desaturate by 10%, it is **74, 50.342, 124.061**.

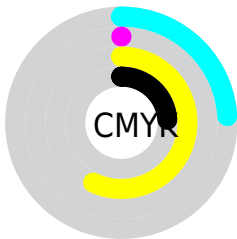
Distribution



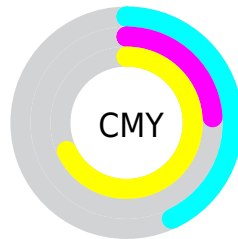
- Red (58%)
- Green (76%)
- Blue (33%)



- Red (33%)
- Yellow (76%)
- Blue (51%)



- Cyan (24%)
- Magenta (0%)
- Yellow (57%)
- Black (24%)





- Cyan (43%)
- Magenta (24%)
- Yellow (68%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 60.026, 123.697 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, 60.026, 123.697 by changing the saturation by 10% instead.


 73, 60.026,
123.697


 73, 60.026,
123.697


 100, 60.026,
123.697


 63, 60.026,
123.697


 93, 60.026,
123.697

 53, 60.026,
123.697

 43, 60.026,
123.697

 33, 60.026,
123.697

 23, 60.026,
123.697

 13, 60.026,
123.697

 3, 60.026, 123.697

0, 60.026, 123.697

73, 60.026,
123.697

73, 60.026,
123.697

72, 68.819,
123.509

74, 50.342,
124.061

72, 76.287,
123.601

75, 40.094,
124.519

71, 81.968,
124.098

75, 29.513,
125.017

71, 85.653,
125.064

76, 18.755,
125.523

71, 86.490,
125.340

77, 7.929, 126.021

79, 2.890, 306.444

80, 13.648,

306.903

■ 81, 24.308,
307.307

■ 82, 33.940,
308.060

Harmonies

Complementary

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



73, 60.026, 123.697



45, 66.580, 309.715

Rectangle

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



73, 60.026, 123.697



73, 60.026, 173.697



73, 60.026, 303.697



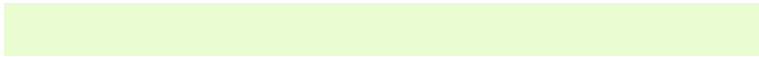
73, 60.026, 353.697

Sweetspot

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



73, 60.027, 123.698



97, 22.822, 125.526



60, 40.433, 60.071



52, 15.386, 125.423



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 60.027, 123.698



92, 86.753, 123.501



70, 69.066, 138.004



40, 6.138, 125.920



60, 75.191, 125.113



11, 20.561, 129.538

Inverse Universe

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



45, 66.580, 309.715



51, 98.868, 310.393



52, 69.131, 324.758



38, 6.234, 306.800



23, 89.662, 310.416



2, 19.985, 302.781

Previews

White Background



This preview shows how the CIELCh color 73, 60.026, 123.697 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, 60.026, 123.697 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, 60.026, 123.697

Background



This preview shows how black text looks on a background with the CIELCh color 73, 60.026, 123.697.



This preview shows how white text looks on a background with the CIELCh color 73, 60.026, 123.697.

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, 60.026, 123.697

Protanopia
73, 53.080, 95.892

Deuteranopia
73, 49.015, 78.912



Tritanopia
73, 10.190, 247.485

Trichromacy



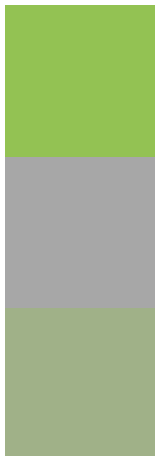
Original Color
73, 60.026, 123.697

Protanomaly
73, 53.597, 107.257

Deuteranomaly
72, 48.572, 98.153

Tritanomaly
73, 20.376, 142.605

Monochromacy



Original Color
73, 60.026, 123.697

Achromatopsia
68, 0.008, 296.813

Achromatomaly
70, 23.238, 124.903

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 60.026, 123.697 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(147, 194, 83)` looks like.

```
.text, #text, p{  
    color:rgb(147, 194, 83)  
}
```

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(147, 194, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 194, 83) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 60.026, 123.697 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(147, 194, 83) }
```

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

```
.border{ border-color:rgb(147, 194, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 194, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 194, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 194, 83);  
box-shadow:4px 4px 4px 4px rgb(147, 194,  
83) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 60.026, 123.697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 194, 83) }
```

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

```
.background{ background-color: rgb(147,  
194, 83) }
```

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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