

Converting Colors

CIELCh(73, 27.237, 133.235)

Have a look what the booklet for
CIELCh(73, 27.237, 133.235)
contains.

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Color

CIELCh(73, 27.392, 133.103)

Conversions

Conversions Part 1

Format	Color
Hex	9EBC8E
RGB	158, 188, 142
RGB Percent	62%, 74%, 56%
CMY	0.3806, 0.2629, 0.4433
CMYK	0.16, 0.00, 0.24, 0.26
HSL	99°, 26%, 65%
HSV	99°, 24%, 74%
XYZ	36.9456, 45.1644, 32.3454
YIQ	173.7860, -3.1140, -20.6660

Conversions

Conversions Part 2

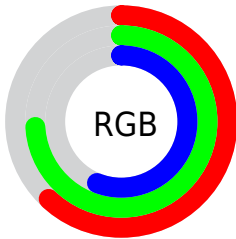
Format	Color
RYB	142, 188, 172
Decimal	10402958
CIELab	73.00, -18.72, 20.00
CIElCh	73, 27.392, 133.103
Yxy	45.1644, 0.3228, 0.3946
Android (android.graphics.Color)	4288593038 (0xFF9EBC8E)
YUV	173.7860, -15.6705, -13.8443
Hunter-Lab	67.2044, -19.4777, 18.5069

Details

The CIELCh color **73, 27.392, 133.103** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **63, 27.995, 315.238**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 27.166, 133.120**, and **53, 27.867, 132.951** is the 20% darker color. If you saturate the color by 10%, you get **72, 38.501, 132.592**, and if you desaturate by 10%, it is **74, 16.181, 133.589**.

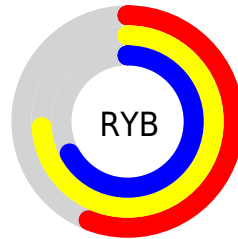
Distribution



Red (62%)

Green (74%)

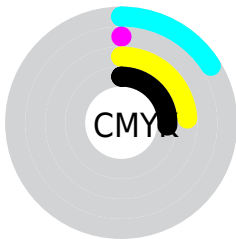
Blue (56%)



Red (56%)

Yellow (74%)

Blue (67%)

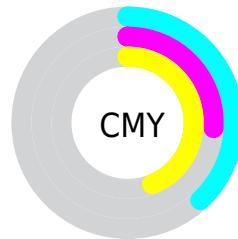


Cyan (16%)

Magenta (0%)

Yellow (24%)

Black (26%)



Cyan (38%)


Magenta (26%)


Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 27.392, 133.103 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, 27.392, 133.103 by changing the saturation by 10% instead.


 73, 27.392,
133.103


 73, 27.392,
133.103


 100, 27.392,
133.103


 63, 27.392,
133.103


 93, 27.392,
133.103

 53, 27.392,
133.103

 43, 27.392,
133.103

 33, 27.392,
133.103

 23, 27.392,
133.103

 13, 27.392,
133.103

 3, 27.392, 133.103

0, 27.392, 133.103

73, 27.392,
133.103

73, 27.392,
133.103

72, 38.501,
132.592

74, 16.181,
133.589

71, 49.342,
132.073

76, 4.978, 134.052

70, 59.695,
131.590

77, 6.136, 314.389

79, 17.104,
314.756

69, 69.246,
131.212

80, 27.885,
315.067

69, 77.585,
131.040

82, 38.453,
315.337

68, 84.235,
131.202

83, 40.218,

■ 68, 88.817,
131.802

320.978

■ 67, 90.713,
132.214

■ 84, 42.027,
325.882

Harmonies

Complementary

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



73, 27.392, 133.103



63, 27.995, 315.238

Rectangle

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



73, 27.392, 133.103



73, 27.392, 183.103



73, 27.392, 313.103



73, 27.392, 3.103

Sweetspot

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



73, 27.394, 133.104



95, 9.672, 133.928



71, 17.535, 86.647



51, 6.284, 133.900



98, 0.011, 296.813



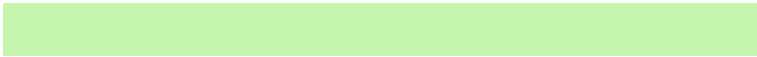
51, 0.007, 296.813

Same Dimension

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



73, 27.394, 133.104



92, 40.205, 132.850



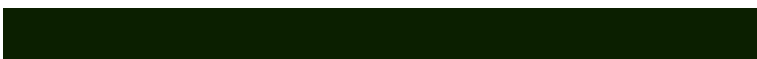
72, 27.506, 147.132



39, 6.345, 133.826



57, 79.643, 132.028



9, 19.932, 137.273

Inverse Universe

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



63, 27.995, 315.238



77, 41.274, 315.460



64, 27.578, 330.308



37, 6.404, 314.572



28, 84.478, 316.022



2, 18.669, 310.626

Previews

White Background



This preview shows how the CIELCh color 73, 27.392, 133.103 looks on a white background.

Color Contrast Check

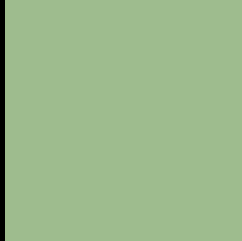
Large Text (above 18pt) WCAG AA × Fail

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, 27.392, 133.103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

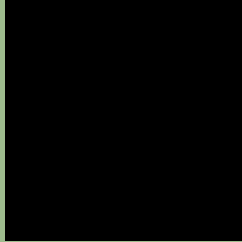
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 27.392, 133.103

Background



This preview shows how black text looks on a background with the CIELCh color 73, 27.392, 133.103.



This preview shows how white text looks on a background with the CIELCh color 73, 27.392, 133.103.

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, 27.392, 133.103

Protanopia
73, 22.625, 95.485

Deuteranopia
73, 20.924, 64.006



Tritanopia
73, 9.153, 255.553

Trichromacy



Original Color
73, 27.392, 133.103

Protanomaly
73, 23.123, 110.913

Deuteranomaly
73, 18.989, 93.564

Tritanomaly
73, 8.926, 169.621

Monochromacy



Original Color
73, 27.392, 133.103

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 10.172, 133.653

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 27.392, 133.103 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(158, 188, 142)` looks like.

```
.text, #text, p{  
    color:rgb(158, 188, 142)  
}
```

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(158, 188, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 188, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 27.392, 133.103 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(158, 188, 142) }
```

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

```
.border{ border-color:rgb(158, 188, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 188, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 188, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 188, 142);  
box-shadow:4px 4px 4px 4px rgb(158, 188,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 27.392, 133.103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 188, 142) }
```

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

```
.background{ background-color: rgb(158,  
188, 142) }
```

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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