

Converting Colors

CIELCh(71, 28.061, 150.139)

Have a look what the booklet for
CIELCh(71, 28.061, 150.139)
contains.

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Color

CIELCh(71, 27.648, 150.660)

Conversions

Conversions Part 1

Format	Color
Hex	87B994
RGB	135, 185, 148
RGB Percent	53%, 73%, 58%
CMY	0.4692, 0.2730, 0.4182
CMYK	0.27, 0.00, 0.20, 0.27
HSL	136°, 26%, 63%
HSV	136°, 27%, 73%
XYZ	32.8528, 42.1875, 34.5793
YIQ	165.8320, -17.9230, -22.1070

Conversions

Conversions Part 2

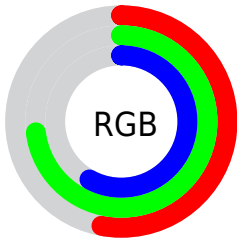
Format	Color
RYB	135, 175, 185
Decimal	8894868
CIELab	71.00, -24.10, 13.55
CIELCh	71, 27.648, 150.660
Yxy	42.1875, 0.2997, 0.3849
Android (android.graphics.Color)	4287084948 (0xFF87B994)
YUV	165.8320, -8.7912, -27.0397
Hunter-Lab	64.9519, -23.3801, 13.9013

Details

The CIELCh color **71, 27.648, 150.660** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **62, 27.854, 334.535**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 27.576, 150.747**, and **51, 27.918, 150.238** is the 20% darker color. If you saturate the color by 10%, you get **70, 37.739, 149.666**, and if you desaturate by 10%, it is **72, 17.393, 151.524**.

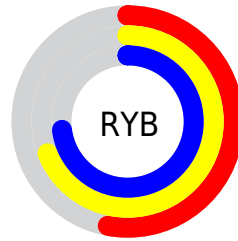
Distribution



Red (53%)

Green (73%)

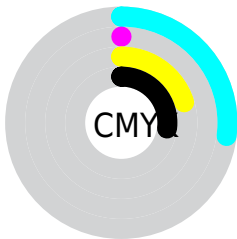
Blue (58%)



Red (53%)

Yellow (69%)

Blue (73%)

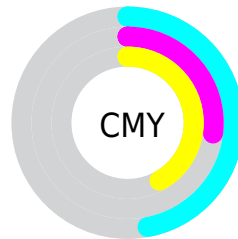


Cyan (27%)

Magenta (0%)

Yellow (20%)

Black (27%)



Cyan (47%)

Magenta (27%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 27.648, 150.660 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 71, 27.648, 150.660 by changing the saturation by 10% instead.

 71, 27.648,
150.660

 71, 27.648,
150.660


 100, 27.648,
150.660

 61, 27.648,
150.660

 91, 27.648,
150.660

 51, 27.648,
150.660

 41, 27.648,
150.660

 31, 27.648,
150.660

 21, 27.648,
150.660

 11, 27.648,
150.660

 1, 27.648, 150.660

■ 0, 27.648, 150.660

■ 71, 27.648,
150.660

■ 71, 27.648,
150.660

■ 70, 37.739,
149.666

■ 72, 17.393,
151.524

■ 69, 47.483,
148.523

■ 74, 7.116, 152.294

■ 68, 56.685,
147.212

■ 76, 3.066, 332.800

■ 67, 65.141,
145.726

■ 78, 13.067,
333.446

■ 66, 72.659,
144.076

■ 80, 22.828,
333.959

■ 66, 79.082,
142.299

■ 82, 32.311,
334.410

■ 83, 39.339,

■ 66, 84.319,
140.486

330.591

■ 66, 85.717,
139.994

■ 84, 43.631,
325.936

Harmonies

Complementary

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



71, 27.648, 150.660



62, 27.854, 334.535

Rectangle

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



71, 27.648, 150.660



71, 27.648, 200.660



71, 27.648, 330.660



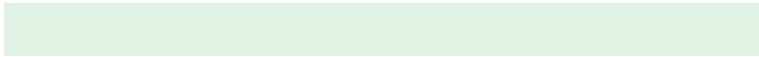
71, 27.648, 20.660

Sweetspot

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



71, 27.649, 150.660



94, 10.143, 152.207



73, 27.230, 118.228



50, 7.274, 152.093



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



71, 27.649, 150.660



89, 40.686, 150.125



72, 19.152, 176.964



38, 5.739, 152.117



56, 74.826, 140.262



8, 16.545, 150.185

Inverse Universe

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



62, 27.854, 334.535



77, 41.005, 334.947



62, 21.035, 2.421



36, 5.763, 333.287



35, 65.687, 341.798



3, 14.561, 337.106

Previews

White Background



This preview shows how the CIELCh color 71, 27.648, 150.660 looks on a white background.

Color Contrast Check

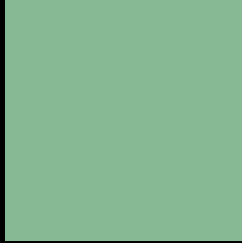
Large Text (above 18pt) WCAG AA × Fail

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 71, 27.648, 150.660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

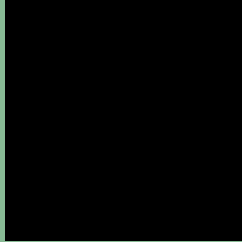
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 27.648, 150.660

Background



This preview shows how black text looks on a background with the CIELCh color 71, 27.648, 150.660.



This preview shows how white text looks on a background with the CIELCh color 71, 27.648, 150.660.

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
71, 27.648, 150.660

Protanopia
71, 17.309, 94.973

Deuteranopia
71, 14.621, 53.938



Tritanopia
71, 14.237, 233.967

Trichromacy



Original Color
71, 27.648, 150.660

Protanomaly
71, 19.029, 122.774

Deuteranomaly
71, 12.500, 107.113

Tritanomaly
71, 14.406, 189.489

Monochromacy



Original Color
71, 27.648, 150.660

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 9.915, 152.721

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 27.648, 150.660 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(135, 185, 148)` looks like.

```
.text, #text, p{  
    color:rgb(135, 185, 148)  
}
```

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(135, 185, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 185, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 27.648, 150.660 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(135, 185, 148) }
```

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

```
.border{ border-color:rgb(135, 185, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 185, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 185, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 185, 148);  
box-shadow:4px 4px 4px 4px rgb(135, 185,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 27.648, 150.660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 185, 148) }
```

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

```
.background{ background-color: rgb(135,  
185, 148) }
```

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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