

Converting Colors

CIELCh(71, 30.747, 156.330)

Have a look what the booklet for
CIELCh(71, 30.747, 156.330)
contains.

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Color

CIELCh(71, 30.804, 156.233)

Conversions

Conversions Part 1

Format	Color
Hex	7CBB96
RGB	124, 187, 150
RGB Percent	49%, 73%, 59%
CMY	0.5126, 0.2655, 0.4106
CMYK	0.34, 0.00, 0.20, 0.27
HSL	145°, 32%, 61%
HSV	145°, 34%, 73%
XYZ	31.7174, 42.1875, 35.4476
YIQ	163.9450, -25.6710, -24.8630

Conversions

Conversions Part 2

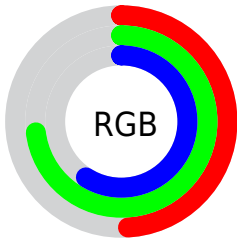
Format	Color
RYB	124, 169, 187
Decimal	8174486
CIELab	71.00, -28.19, 12.41
CIELCh	71, 30.804, 156.233
Yxy	42.1875, 0.2900, 0.3858
Android (android.graphics.Color)	4286364566 (0xFF7CBB96)
YUV	163.9450, -6.8749, -35.0318
Hunter-Lab	64.9519, -26.5005, 13.1087

Details

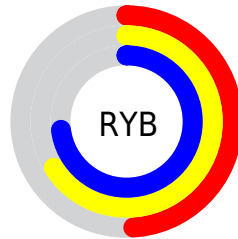
The CIELCh color **71, 30.804, 156.233** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **60, 31.578, 342.062**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 30.674, 156.340**, and **51, 30.632, 156.328** is the 20% darker color. If you saturate the color by 10%, you get **70, 39.563, 155.063**, and if you desaturate by 10%, it is **72, 21.756, 157.262**.

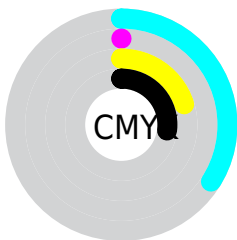
Distribution



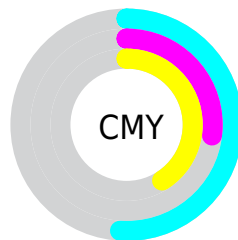
- Red (49%)
- Green (73%)
- Blue (59%)



- Red (49%)
- Yellow (66%)
- Blue (73%)



- Cyan (34%)
- Magenta (0%)
- Yellow (20%)
- Black (27%)





- Cyan (51%)
- Magenta (27%)
- Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 30.804, 156.233 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, 30.804, 156.233 by changing the saturation by 10% instead.


 71, 30.804,
156.233


 71, 30.804,
156.233


 100, 30.804,
156.233


 61, 30.804,
156.233


 91, 30.804,
156.233

 51, 30.804,
156.233

 41, 30.804,
156.233

 31, 30.804,
156.233

 21, 30.804,
156.233

 11, 30.804,
156.233

 1, 30.804, 156.233

■ 0, 30.804, 156.233

■ 71, 30.804,
156.233

■ 71, 30.804,
156.233

■ 70, 39.563,
155.063

■ 72, 21.756,
157.262

■ 69, 47.870,
153.730

■ 74, 12.560,
158.178

■ 68, 55.570,
152.211

■ 75, 3.338, 159.059

■ 68, 62.524,
150.491

■ 77, 5.811, 339.610

■ 67, 68.640,
148.570

■ 79, 14.814,
340.296

■ 67, 73.888,
146.473

■ 81, 23.619,
340.895

■ 83, 32.082,

■ 67, 76.879,
145.140

341.249

■ 84, 35.837,
334.008

■ 84, 40.093,
328.327

Harmonies

Complementary

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



71, 30.804, 156.233



60, 31.578, 342.062

Rectangle

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



71, 30.804, 156.233



71, 30.804, 206.233



71, 30.804, 336.233



71, 30.804, 26.233

Sweetspot

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



71, 30.805, 156.232



94, 11.337, 158.478



73, 35.076, 123.809



50, 7.801, 158.357



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, 30.805, 156.232



89, 44.849, 155.430



72, 21.777, 188.564



39, 5.243, 158.546



57, 67.364, 145.449



9, 17.572, 153.860

Inverse Universe

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



60, 31.578, 342.062



72, 46.113, 342.788



59, 26.226, 14.728



37, 5.288, 339.893



34, 60.934, 353.564



3, 14.734, 346.422

Previews

White Background



This preview shows how the CIELCh color 71, 30.804, 156.233 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, 30.804, 156.233 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, 30.804, 156.233

Background



This preview shows how black text looks on a background with the CIELCh color 71, 30.804, 156.233.

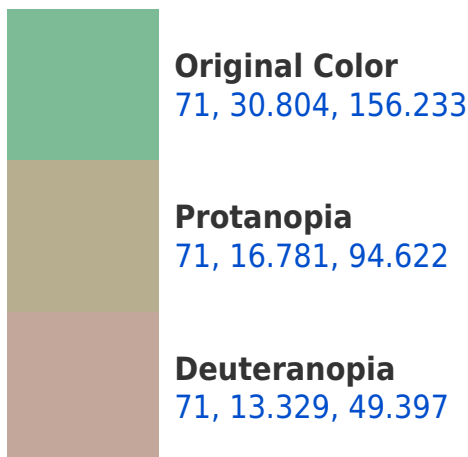


This preview shows how white text looks on a background with the CIELCh color 71, 30.804, 156.233.

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



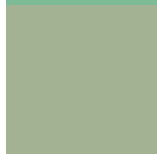


Tritanopia
71, 17.367, 226.675

Trichromacy



Original Color
71, 30.804, 156.233



Protanomaly
71, 18.487, 128.269



Deuteranomaly
70, 11.539, 116.807



Tritanomaly
71, 18.502, 191.107

Monochromacy



Original Color
71, 30.804, 156.233



Achromatopsia
67, 0.008, 296.813



Achromatomaly
68, 11.013, 158.096

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 30.804, 156.233 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(124, 187, 150)` looks like.

```
.text, #text, p{  
    color:rgb(124, 187, 150)  
}
```

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(124, 187, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 187, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 30.804, 156.233 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(124, 187, 150) }
```

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

```
.border{ border-color:rgb(124, 187, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 187, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 187, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 187, 150);  
box-shadow:4px 4px 4px 4px rgb(124, 187,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 30.804, 156.233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 187, 150) }
```

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

```
.background{ background-color: rgb(124,  
187, 150) }
```

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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