

Converting Colors

CIELCh(71, 30.674, 161.224)

Have a look what the booklet for
CIELCh(71, 30.674, 161.224)
contains.

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Color

CIELCh(71, 30.787, 161.279)

Conversions

Conversions Part 1

Format	Color
Hex	77BC9B
RGB	119, 188, 155
RGB Percent	47%, 74%, 61%
CMY	0.5338, 0.2632, 0.3926
CMYK	0.37, 0.00, 0.18, 0.26
HSL	151°, 34%, 60%
HSV	151°, 37%, 74%
XYZ	31.4529, 42.1875, 37.4419
YIQ	163.6070, -30.5310, -24.8910

Conversions

Conversions Part 2

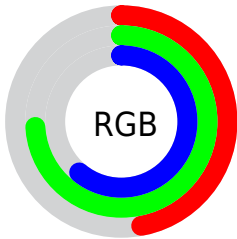
Format	Color
RYB	119, 164, 188
Decimal	7847067
CIELab	71.00, -29.16, 9.88
CIELCh	71, 30.787, 161.279
Yxy	42.1875, 0.2831, 0.3798
Android (android.graphics.Color)	4286037147 (0xFF77BC9B)
YUV	163.6070, -4.2433, -39.1203
Hunter-Lab	64.9519, -27.2273, 11.2883

Details

The CIELCh color **71, 30.787, 161.279** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **58, 32.342, 348.475**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 31.319, 160.906**, and **51, 30.650, 161.696** is the 20% darker color. If you saturate the color by 10%, you get **70, 38.583, 160.019**, and if you desaturate by 10%, it is **72, 22.624, 162.399**.

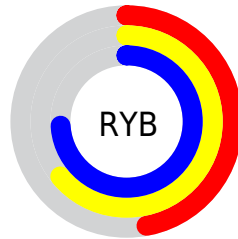
Distribution



Red (47%)

Green (74%)

Blue (61%)



Red (47%)

Yellow (64%)

Blue (74%)

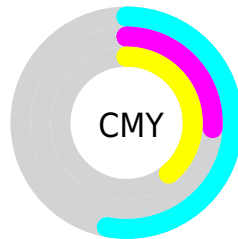


Cyan (37%)

Magenta (0%)

Yellow (18%)

Black (26%)



Cyan (53%)


Magenta (26%)


Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 30.787, 161.279 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, 30.787, 161.279 by changing the saturation by 10% instead.


 71, 30.787,
161.279


 71, 30.787,
161.279


 100, 30.787,
161.279


 61, 30.787,
161.279


 91, 30.787,
161.279

 51, 30.787,
161.279

 41, 30.787,
161.279

 31, 30.787,
161.279

 21, 30.787,
161.279

 11, 30.787,
161.279

 1, 30.787, 161.279

■ 0, 30.787, 161.279

■ 71, 30.787,
161.279

■ 71, 30.787,
161.279

■ 70, 38.583,
160.019

■ 72, 22.624,
162.399

■ 69, 45.866,
158.596

■ 74, 14.228,
163.408

■ 68, 52.507,
156.987

■ 75, 5.723, 164.349

■ 68, 58.404,
155.173

■ 77, 2.790, 344.957

■ 67, 63.512,
153.148

■ 79, 11.228,
345.813

■ 67, 67.874,
150.942

■ 81, 19.533,
346.520

■ 83, 27.661,

■ 67, 69.225,
150.235

347.168

■ 83, 31.566,
341.819

■ 84, 34.557,
335.632

Harmonies

Complementary

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



71, 30.787, 161.279



58, 32.342, 348.475

Rectangle

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



71, 30.787, 161.279



71, 30.787, 211.279



71, 30.787, 341.279



71, 30.787, 31.279

Sweetspot

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



71, 30.788, 161.278



94, 11.611, 163.932



72, 39.423, 127.954



50, 7.798, 163.805



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, 30.788, 161.278



89, 45.205, 160.283



72, 22.332, 199.309



39, 4.842, 164.102



57, 60.529, 150.563



9, 16.360, 157.955

Inverse Universe

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



58, 32.342, 348.475



70, 47.883, 349.538



58, 28.898, 23.935



37, 4.909, 345.582



34, 59.165, 3.492



3, 13.785, 352.882

Previews

White Background



This preview shows how the CIELCh color 71, 30.787, 161.279 looks on a white background.

Color Contrast Check

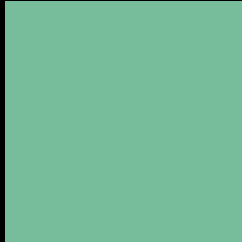
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 71, 30.787, 161.279 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, 30.787, 161.279

Background



This preview shows how black text looks on a background with the CIELCh color 71, 30.787, 161.279.

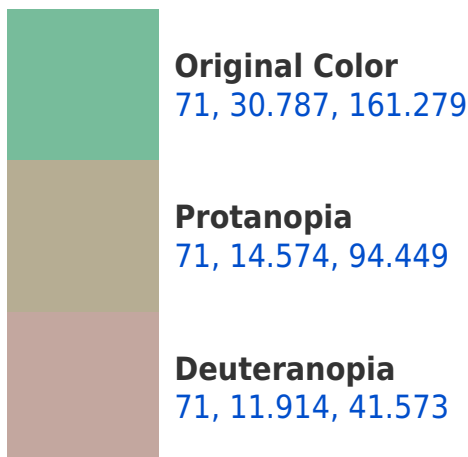


This preview shows how white text looks on a background with the CIELCh color 71, 30.787, 161.279.

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, 19.189, 223.638

Trichromacy



Original Color
71, 30.787, 161.279

Protanomaly
70, 16.956, 134.377

Deuteranomaly
70, 9.777, 127.610

Tritanomaly
71, 20.073, 194.681

Monochromacy



Original Color
71, 30.787, 161.279

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 11.528, 163.529

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 30.787, 161.279 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(119, 188, 155)` looks like.

```
.text, #text, p{  
    color:rgb(119, 188, 155)  
}
```

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(119, 188, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 188, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 30.787, 161.279 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(119, 188, 155) }
```

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

```
.border{ border-color:rgb(119, 188, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 188, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 188, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 188, 155);  
box-shadow:4px 4px 4px 4px rgb(119, 188,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 30.787, 161.279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 188, 155) }
```

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

```
.background{ background-color: rgb(119,  
188, 155) }
```

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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