

Converting Colors

CIELCh(73, 30.135, 168.008)

Have a look what the booklet for
CIELCh(73, 30.135, 168.008)
contains.

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Color

CIELCh(73, 30.153, 167.986)

Conversions

Conversions Part 1

Format	Color
Hex	77C2A7
RGB	119, 194, 167
RGB Percent	47%, 76%, 65%
CMY	0.5342, 0.2401, 0.3460
CMYK	0.39, 0.00, 0.14, 0.24
HSL	158°, 38%, 61%
HSV	158°, 39%, 76%
XYZ	33.7683, 45.1644, 43.3855
YIQ	168.4970, -36.0330, -24.2970

Conversions

Conversions Part 2

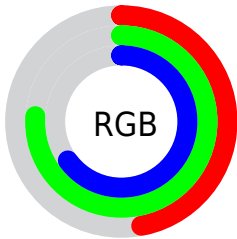
Format	Color
RYB	119, 165, 194
Decimal	7848615
CIELab	73.00, -29.49, 6.28
CIELCh	73, 30.153, 167.986
Yxy	45.1644, 0.2761, 0.3692
Android (android.graphics.Color)	4286038695 (0xFF77C2A7)
YUV	168.4970, -0.7380, -43.4089
Hunter-Lab	67.2044, -27.9166, 8.7670

Details

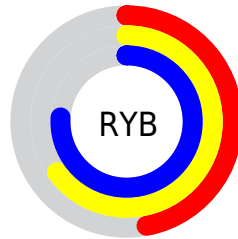
The CIELCh color **73, 30.153, 167.986** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **59, 33.006, 356.359**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 30.248, 167.818**, and **53, 30.318, 167.966** is the 20% darker color. If you saturate the color by 10%, you get **72, 37.115, 166.692**, and if you desaturate by 10%, it is **74, 22.729, 169.152**.

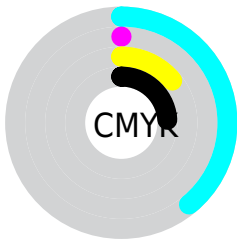
Distribution



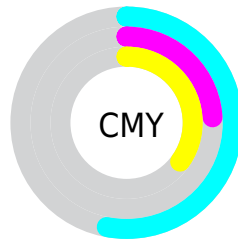
- Red (47%)
- Green (76%)
- Blue (65%)



- Red (47%)
- Yellow (65%)
- Blue (76%)



- Cyan (39%)
- Magenta (0%)
- Yellow (14%)
- Black (24%)





- Cyan (53%)
- Magenta (24%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 30.153, 167.986 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, 30.153, 167.986 by changing the saturation by 10% instead.


 73, 30.153,
167.986


 73, 30.153,
167.986


 100, 30.153,
167.986


 63, 30.153,
167.986


 93, 30.153,
167.986

 53, 30.153,
167.986

 43, 30.153,
167.986

 33, 30.153,
167.986

 23, 30.153,
167.986

 13, 30.153,
167.986

 3, 30.153, 167.986

■ 0, 30.153, 167.986

■ 73, 30.153,
167.986

■ 73, 30.153,
167.986

■ 72, 37.115,
166.692

■ 74, 22.729,
169.152

■ 71, 43.481,
165.249

■ 75, 14.972,
170.219

■ 71, 49.140,
163.631

■ 77, 7.009, 171.222

■ 70, 54.021,
161.816

■ 79, 1.052, 351.630

■ 70, 58.111,
159.795

■ 80, 9.124, 352.840

■ 82, 17.135,
353.646

■ 69, 61.529,
157.610

■ 84, 25.035,
354.394

■ 69, 61.958,
157.334

■ 85, 26.855,
347.526

■ 85, 28.868,
341.350

Harmonies

Complementary

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



73, 30.153, 167.986



59, 33.006, 356.359

Rectangle

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



73, 30.153, 167.986



73, 30.153, 217.986



73, 30.153, 347.986



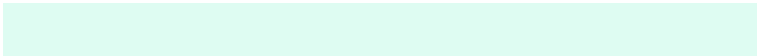
73, 30.153, 37.986

Sweetspot

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



73, 30.154, 167.985



97, 11.961, 170.875



74, 43.964, 131.771



52, 7.992, 170.742



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, 30.154, 167.985



92, 43.666, 166.958



71, 21.522, 212.683



40, 4.565, 171.155



58, 53.602, 157.677



10, 16.506, 163.784

Inverse Universe

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



59, 33.006, 356.359



71, 48.649, 357.685



60, 28.601, 33.344



38, 4.665, 352.751



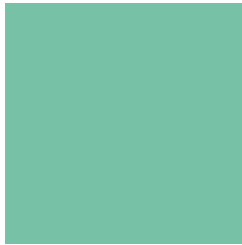
34, 60.497, 14.888



3, 14.879, 0.366

Previews

White Background



This preview shows how the CIELCh color 73, 30.153, 167.986 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, 30.153, 167.986 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, 30.153, 167.986

Background



This preview shows how black text looks on a background with the CIELCh color 73, 30.153, 167.986.

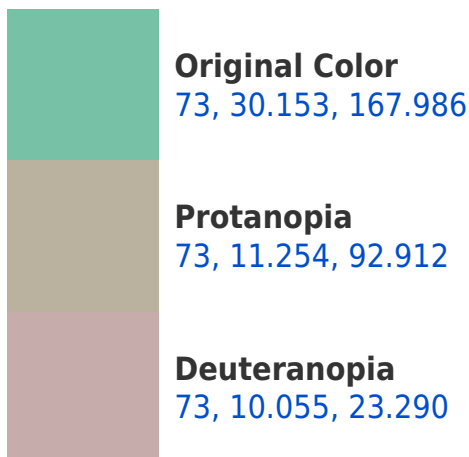


This preview shows how white text looks on a background with the CIELCh color 73, 30.153, 167.986.

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
73, 20.954, 221.100

Trichromacy



Original Color
73, 30.153, 167.986

Protanomaly
73, 15.064, 142.588

Deuteranomaly
72, 7.304, 144.129

Tritanomaly
73, 21.958, 196.301

Monochromacy



Original Color
73, 30.153, 167.986

Achromatopsia
69, 0.009, 296.813

Achromatomaly
70, 11.175, 172.319

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 30.153, 167.986 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, 194, 167)` looks like.

```
.text, #text, p{  
    color:rgb(119, 194, 167)  
}
```

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, 194, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 194, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 30.153, 167.986 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, 194, 167) }
```

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

```
.border{ border-color:rgb(119, 194, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 194, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 194, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 194, 167);  
box-shadow:4px 4px 4px 4px rgb(119, 194,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 30.153, 167.986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 194, 167) }
```

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

```
.background{ background-color: rgb(119,  
194, 167) }
```

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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