

Converting Colors

CIELCh(73, 31.153, 168.422)

Have a look what the booklet for
CIELCh(73, 31.153, 168.422)
contains.

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Color

CIELCh(73, 30.921, 168.695)

Conversions

Conversions Part 1

Format	Color
Hex	74C2A7
RGB	116, 194, 167
RGB Percent	45%, 76%, 65%
CMY	0.5445, 0.2386, 0.3446
CMYK	0.40, 0.00, 0.14, 0.24
HSL	159°, 39%, 61%
HSV	159°, 40%, 76%
XYZ	33.5319, 45.1644, 43.5758
YIQ	167.6000, -37.8210, -24.9330

Conversions

Conversions Part 2

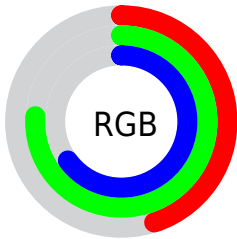
Format	Color
R_{YB}	116, 163, 194
Decimal	7652007
CIE _{Lab}	73.00, -30.32, 6.06
CIE _{LCh}	73, 30.921, 168.695
Y _{xy}	45.1644, 0.2742, 0.3694
Android (android.graphics.Color)	4285842087 (0xFF74C2A7)
YUV	167.6000, -0.2958, -45.2532
Hunter-Lab	67.2044, -28.5446, 8.5991

Details

The CIELCh color **73, 30.921, 168.695** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **58, 34.154, 357.536**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 31.035, 168.573**, and **53, 30.984, 168.550** is the 20% darker color. If you saturate the color by 10%, you get **72, 37.708, 167.386**, and if you desaturate by 10%, it is **74, 23.644, 169.875**.

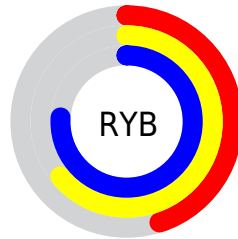
Distribution



Red (45%)

Green (76%)

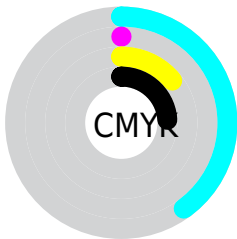
Blue (65%)



Red (45%)

Yellow (64%)

Blue (76%)

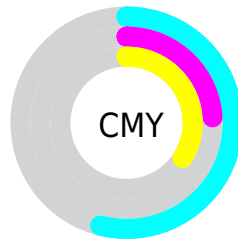


Cyan (40%)

Magenta (0%)

Yellow (14%)

Black (24%)



Cyan (54%)


Magenta (24%)


Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 30.921, 168.695 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, 30.921, 168.695 by changing the saturation by 10% instead.


 73, 30.921,
168.695


 73, 30.921,
168.695


 100, 30.921,
168.695


 63, 30.921,
168.695


 93, 30.921,
168.695

 53, 30.921,
168.695

 43, 30.921,
168.695

 33, 30.921,
168.695

 23, 30.921,
168.695

 13, 30.921,
168.695

 3, 30.921, 168.695

■ 0, 30.921, 168.695

■ 73, 30.921,
168.695

■ 73, 30.921,
168.695

■ 72, 37.708,
167.386

■ 74, 23.644,
169.875

■ 71, 43.873,
165.927

■ 75, 16.005,
170.956

■ 71, 49.312,
164.292

■ 77, 8.133, 171.966

■ 70, 53.964,
162.461

■ 78, 0.139, 176.078

■ 70, 57.828,
160.425

■ 80, 7.887, 353.612

■ 82, 15.871,
354.438

■ 70, 61.024,
158.293

■ 84, 23.757,
355.201

■ 85, 26.211,
349.324

■ 85, 28.055,
343.076

Harmonies

Complementary

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



73, 30.921, 168.695



58, 34.154, 357.536

Rectangle

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



73, 30.921, 168.695



73, 30.921, 218.695



73, 30.921, 348.695



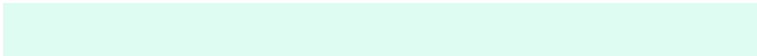
73, 30.921, 38.695

Sweetspot

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



73, 30.922, 168.694



97, 11.854, 171.765



73, 45.893, 132.220



52, 7.921, 171.632



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, 30.922, 168.694



91, 44.811, 167.580



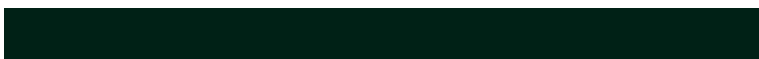
70, 21.979, 214.925



40, 4.525, 172.047



58, 52.722, 158.637



10, 16.309, 164.681

Inverse Universe

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



58, 34.154, 357.536



70, 50.493, 359.028



60, 29.560, 34.894



38, 4.630, 353.651



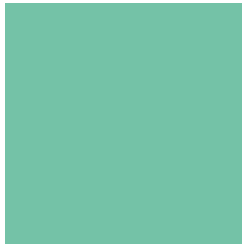
34, 60.749, 16.183



3, 14.812, 1.099

Previews

White Background



This preview shows how the CIELCh color 73, 30.921, 168.695 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, 30.921, 168.695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

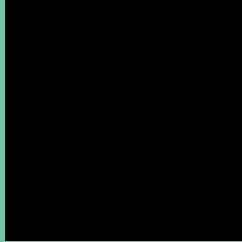
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 30.921, 168.695

Background



This preview shows how black text looks on a background with the CIELCh color 73, 30.921, 168.695.

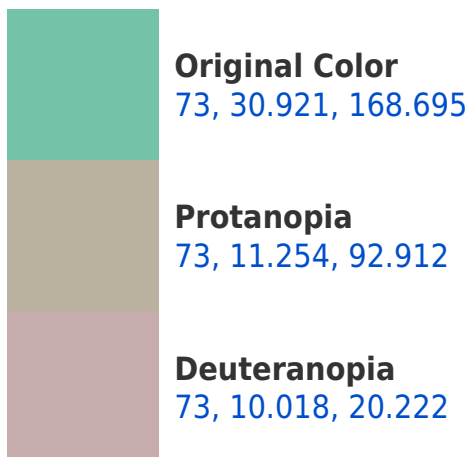


This preview shows how white text looks on a background with the CIELCh color 73, 30.921, 168.695.

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, 21.714, 220.202

Trichromacy



Original Color
73, 30.921, 168.695

Protanomaly
73, 15.280, 143.711

Deuteranomaly
72, 7.097, 149.020

Tritanomaly
73, 22.716, 197.678

Monochromacy



Original Color
73, 30.921, 168.695

Achromatopsia
69, 0.009, 296.813

Achromatomaly
70, 12.072, 171.455

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 30.921, 168.695 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(116, 194, 167)` looks like.

```
.text, #text, p{  
    color:rgb(116, 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(116, 194, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 194, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 30.921, 168.695 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(116, 194, 167) }
```

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

```
.border{ border-color:rgb(116, 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(116, 194, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 194, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 194, 167); box-shadow:4px 4px 4px 4px rgb(116, 194, 167) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 30.921, 168.695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 194, 167) }
```

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

```
.background{ background-color: rgb(116,  
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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