

Converting Colors

CIELCh(73, 15.091, 323.484)

Have a look what the booklet for
CIELCh(73, 15.091, 323.484)
contains.

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Color

CIELCh(73, 15.382, 322.768)

Conversions

Conversions Part 1

Format	Color
Hex	C2ACC4
RGB	194, 172, 196
RGB Percent	76%, 67%, 77%
CMY	0.2378, 0.3240, 0.2299
CMYK	0.01, 0.12, 0.00, 0.23
HSL	295°, 17%, 72%
HSV	295°, 12%, 77%
XYZ	47.1714, 45.1644, 58.6778
YIQ	181.3140, 5.4080, 12.1280

Conversions

Conversions Part 2

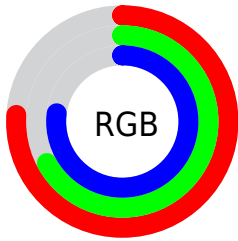
Format	Color
RYB	194, 172, 196
Decimal	12758212
CIELab	73.00, 12.25, -9.31
CIELCh	73, 15.382, 322.768
Yxy	45.1644, 0.3124, 0.2991
Android (android.graphics.Color)	4290948292 (0xFFC2ACC4)
YUV	181.3140, 7.2402, 11.1256
Hunter-Lab	67.2044, 7.6829, -4.7244

Details

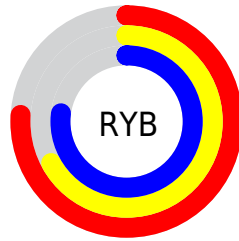
The CIELCh color `73, 15.382, 322.768` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `77, 15.332, 141.542`, and the grayscale version is `74, 0.009, 296.813`.

A 20% lighter version of the original color is `93, 15.895, 322.858`, and `53, 14.955, 322.695` is the 20% darker color. If you saturate the color by 10%, you get `68, 28.084, 323.267`, and if you desaturate by 10%, it is `78, 2.783, 322.206`.

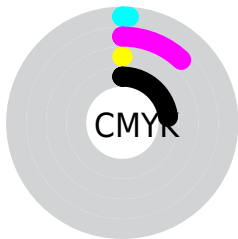
Distribution



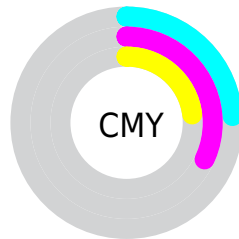
- Red (76%)
- Green (67%)
- Blue (77%)



- Red (76%)
- Yellow (67%)
- Blue (77%)



- Cyan (1%)
- Magenta (12%)
- Yellow (0%)
- Black (23%)





- Cyan (24%)
- Magenta (32%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 15.382, 322.768 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, 15.382, 322.768 by changing the saturation by 10% instead.


 73, 15.382,
322.768


 73, 15.382,
322.768


 100, 15.382,
322.768


 63, 15.382,
322.768


 93, 15.382,
322.768

 53, 15.382,
322.768

 43, 15.382,
322.768

 33, 15.382,
322.768

 23, 15.382,
322.768

 13, 15.382,
322.768

 3, 15.382, 322.768

0, 15.382, 322.768

73, 15.382,
322.768

73, 15.382,
322.768

68, 28.084,
323.267

78, 2.783, 322.206

83, 9.585, 141.834

63, 40.705,
323.748

89, 21.652,
141.357

59, 52.965,
324.196

94, 33.378,
140.912

55, 64.486,
324.589

95, 35.519,
140.244

51, 74.795,
324.902

95, 35.203,
139.497

48, 83.375,
325.108

95, 34.892,

■ 46, 89.762,
325.183

138.732

■ 45, 93.703,
325.112

■ 96, 34.586,
137.950

■ 44, 95.433,
324.976

■ 96, 34.287,
137.149

Harmonies

Complementary

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



73, 15.382, 322.768



77, 15.332, 141.542

Rectangle

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



73, 15.382, 322.768



73, 15.382, 12.768



73, 15.382, 142.768



73, 15.382, 192.768

Sweetspot

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



73, 15.380, 322.768



97, 6.188, 322.335



72, 12.008, 287.964



52, 4.400, 322.379



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, 15.380, 322.768



90, 23.371, 322.920



73, 11.781, 340.334



39, 7.196, 322.623



36, 83.185, 325.019



4, 25.793, 323.615

Inverse Universe

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



73, 9.256, 13.466



90, 14.184, 13.766



77, 11.657, 158.489



39, 4.297, 13.192



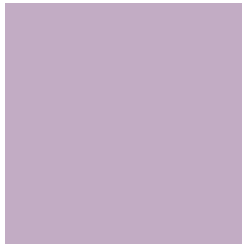
34, 71.361, 36.256



3, 15.946, 15.092

Previews

White Background



This preview shows how the CIELCh color 73, 15.382, 322.768 looks on a white background.

Color Contrast Check

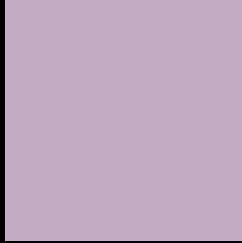
Large Text (above 18pt) WCAG AA × Fail

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 73, 15.382, 322.768 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, 15.382, 322.768

Background



This preview shows how black text looks on a background with the CIELCh color 73, 15.382, 322.768.



This preview shows how white text looks on a background with the CIELCh color 73, 15.382, 322.768.

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

73, 15.382, 322.768

Protanopia

73, 11.960, 287.939

Deuteranopia

73, 13.206, 315.608



Tritanopia
73, 10.025, 335.577

Trichromacy



Original Color
73, 15.382, 322.768

Protanomaly
73, 12.795, 302.649

Deuteranomaly
73, 14.183, 318.784

Tritanomaly
73, 11.877, 329.433

Monochromacy



Original Color
73, 15.382, 322.768

Achromatopsia
74, 0.009, 296.813

Achromatomaly
73, 5.741, 321.590

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 15.382, 322.768 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(194, 172, 196)` looks like.

```
.text, #text, p{  
    color:rgb(194, 172, 196)  
}
```

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(194, 172, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 172, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 15.382, 322.768 is called "border". The border property can be set on classes, ids or directly on the HTML element.

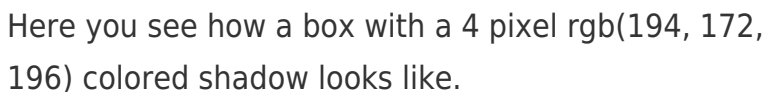
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(194, 172, 196) }
```

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

```
.border{ border-color:rgb(194, 172, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(194, 172, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 172, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 172, 196);  
box-shadow:4px 4px 4px 4px rgb(194, 172,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 15.382, 322.768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 172, 196) }
```

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

```
.background{ background-color: rgb(194,  
172, 196) }
```

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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