

Converting Colors

CIELCh(73, 12.852, 296.225)

Have a look what the booklet for
CIELCh(73, 12.852, 296.225)
contains.

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Color

CIELCh(73, 12.566, 296.242)

Conversions

Conversions Part 1

Format	Color
Hex	B4B1C8
RGB	180, 177, 200
RGB Percent	71%, 69%, 78%
CMY	0.2952, 0.3069, 0.2168
CMYK	0.10, 0.12, 0.00, 0.22
HSL	248°, 17%, 74%
HSV	248°, 12%, 78%
XYZ	44.8198, 45.1644, 60.8278
YIQ	180.5190, -5.5950, 7.7890

Conversions

Conversions Part 2

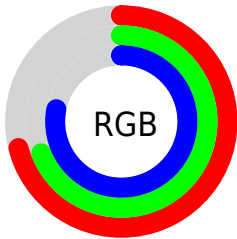
Format	Color
R_{YB}	180, 177, 200
Decimal	11841992
CIE Lab	73.00, 5.56, -11.27
CIE LCh	73, 12.566, 296.242
Yxy	45.1644, 0.2972, 0.2995
Android (android.graphics.Color)	4290032072 (0xFFB4B1C8)
YUV	180.5190, 9.6041, -0.4552
Hunter-Lab	67.2044, 1.4368, -6.6212

Details

The CIELCh color $73, 12.566, 296.242$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $80, 12.246, 114.412$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 11.428, 296.225$, and $53, 12.824, 296.754$ is the 20% darker color. If you saturate the color by 10%, you get $66, 23.945, 297.205$, and if you desaturate by 10%, it is $80, 1.626, 295.415$.

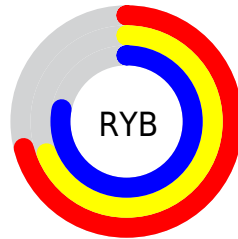
Distribution



Red (71%)

Green (69%)

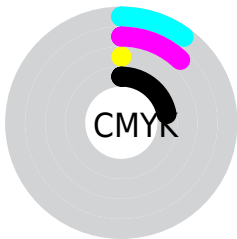
Blue (78%)



Red (71%)

Yellow (69%)

Blue (78%)

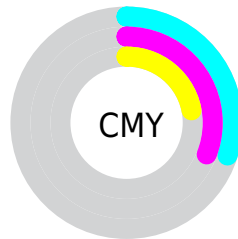


Cyan (10%)

Magenta (12%)

Yellow (0%)

Black (22%)



Cyan (30%)


Magenta (31%)


Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 12.566, 296.242 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, 12.566, 296.242 by changing the saturation by 10% instead.


 73, 12.566,
296.242


 73, 12.566,
296.242


 100, 12.566,
296.242


 63, 12.566,
296.242


 93, 12.566,
296.242

 53, 12.566,
296.242

 43, 12.566,
296.242

 33, 12.566,
296.242

 23, 12.566,
296.242

 13, 12.566,
296.242

 3, 12.566, 296.242

0, 12.566, 296.242

73, 12.566,
296.242

73, 12.566,
296.242

66, 23.945,
297.205

80, 1.626, 295.415

60, 35.786,
298.324

86, 8.898, 114.692

53, 48.083,
299.603

92, 19.034,
114.083

47, 60.771,
301.033

98, 27.977,
112.525

41, 73.642,
302.570

99, 27.873,
108.060

35, 86.202,
304.107

■ 30, 97.468,
305.454

■ 27, 105.945,
306.351

■ 25, 110.510,
306.744

Harmonies

Complementary

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



73, 12.566, 296.242



80, 12.246, 114.412

Rectangle

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



73, 12.566, 296.242



73, 12.566, 346.242



73, 12.566, 116.242



73, 12.566, 166.242

Sweetspot

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



73, 12.564, 296.239



98, 3.936, 295.530



78, 7.326, 210.278



52, 2.986, 295.593



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, 12.564, 296.239



89, 18.730, 296.484



74, 13.541, 313.506



38, 6.144, 296.051



19, 95.020, 306.816



1, 21.590, 295.180

Inverse Universe

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



75, 13.763, 328.866



91, 20.439, 329.030



79, 13.379, 132.561



39, 6.749, 328.734



37, 74.800, 334.142



4, 23.881, 331.817

Previews

White Background



This preview shows how the CIELCh color 73, 12.566, 296.242 looks on a white background.

Color Contrast Check

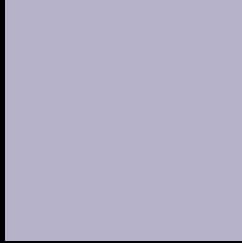
Large Text (above 18pt) WCAG AA × Fail

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, 12.566, 296.242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

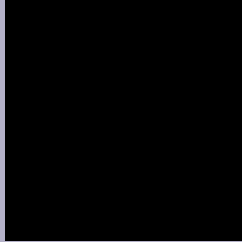
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 12.566, 296.242

Background



This preview shows how black text looks on a background with the CIELCh color 73, 12.566, 296.242.



This preview shows how white text looks on a background with the CIELCh color 73, 12.566, 296.242.

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, 12.566, 296.242

Protanopia

73, 11.960, 287.939

Deuteranopia

73, 14.959, 309.649



Tritanopia
73, 7.609, 290.918

Trichromacy



Original Color
73, 12.566, 296.242

Protanomaly
73, 11.951, 289.629

Deuteranomaly
73, 14.026, 304.713

Tritanomaly
73, 9.250, 293.295

Monochromacy



Original Color
73, 12.566, 296.242

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 4.368, 295.422

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 12.566, 296.242 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(180, 177, 200)` looks like.

```
.text, #text, p{  
    color:rgb(180, 177, 200)  
}
```

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(180, 177, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 177, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 12.566, 296.242 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(180, 177, 200) }
```

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

```
.border{ border-color:rgb(180, 177, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 177, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 177, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 177, 200);  
box-shadow:4px 4px 4px 4px rgb(180, 177,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 12.566, 296.242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 177, 200) }
```

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

```
.background{ background-color: rgb(180,  
177, 200) }
```

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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