

Converting Colors

CIELCh(73, 18.252, 321.296)

Have a look what the booklet for
CIELCh(73, 18.252, 321.296)
contains.

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Color

CIELCh(73, 18.252, 321.296)

Conversions

Conversions Part 1

Format	Color
Hex	C4ABC8
RGB	196, 171, 200
RGB Percent	77%, 67%, 78%
CMY	0.2304, 0.3285, 0.2147
CMYK	0.02, 0.14, 0.00, 0.21
HSL	292°, 21%, 73%
HSV	292°, 14%, 79%
XYZ	47.8887, 45.1644, 60.9853
YIQ	181.7810, 5.5910, 14.3190

Conversions

Conversions Part 2

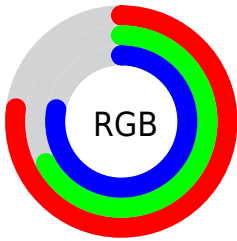
Format	Color
R _Y B	196, 171, 200
Decimal	12889032
CIE Lab	73.00, 14.24, -11.41
CIE LCh	73, 18.252, 321.296
Yxy	45.1644, 0.3109, 0.2932
Android (android.graphics.Color)	4291079112 (0xFFC4ABC8)
YUV	181.7810, 8.9820, 12.4701
Hunter-Lab	67.2044, 9.5882, -6.7602

Details

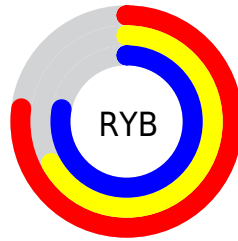
The CIELCh color $73, 18.252, 321.296$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $78, 18.157, 139.907$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 17.757, 323.141$, and $53, 17.998, 321.162$ is the 20% darker color. If you saturate the color by 10%, you get $68, 30.996, 321.767$, and if you desaturate by 10%, it is $78, 5.609, 320.801$.

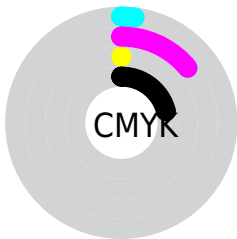
Distribution



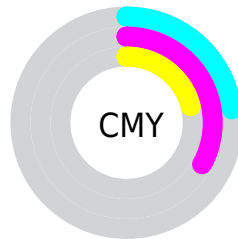
- Red (77%)
- Green (67%)
- Blue (78%)



- Red (77%)
- Yellow (67%)
- Blue (78%)



- Cyan (2%)
- Magenta (14%)
- Yellow (0%)
- Black (21%)





- Cyan (23%)
- Magenta (33%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 18.252, 321.296 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, 18.252, 321.296 by changing the saturation by 10% instead.


 73, 18.252,
321.296


 73, 18.252,
321.296


 100, 18.252,
321.296


 63, 18.252,
321.296


 93, 18.252,
321.296

 53, 18.252,
321.296

 43, 18.252,
321.296

 33, 18.252,
321.296

 23, 18.252,
321.296

 13, 18.252,
321.296

 3, 18.252, 321.296

73, 18.252,
321.296

73, 18.252,
321.296

68, 30.996,
321.767

78, 5.609, 320.801

84, 6.806, 140.419

63, 43.656,
322.219

89, 18.924,
139.960

58, 55.949,
322.633

95, 30.707,
139.542

54, 67.483,
322.983

96, 32.399,
138.323

50, 77.765,
323.237

96, 31.895,
136.869

47, 86.248,
323.360

96, 31.410,

■ 45, 92.443,
323.318

135.357

■ 43, 96.099,
323.091

■ 96, 30.946,
133.787

■ 43, 97.378,
322.912

■ 96, 30.506,
132.157

Harmonies

Complementary

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



73, 18.252, 321.296



78, 18.157, 139.907

Rectangle

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



73, 18.252, 321.296



73, 18.252, 11.296



73, 18.252, 141.296



73, 18.252, 191.296

Sweetspot

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



73, 18.250, 321.296



97, 6.087, 320.777



72, 13.483, 284.985



52, 4.328, 320.820



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, 18.250, 321.296



89, 26.108, 321.427



73, 14.886, 337.410



39, 7.080, 321.050



35, 83.640, 322.987



4, 25.163, 321.234

Inverse Universe

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



73, 11.323, 9.386



89, 16.304, 9.689



78, 14.758, 155.311



39, 4.342, 8.850



34, 68.980, 33.210



3, 16.035, 12.292

Previews

White Background



This preview shows how the CIELCh color 73, 18.252, 321.296 looks on a white background.

Color Contrast Check

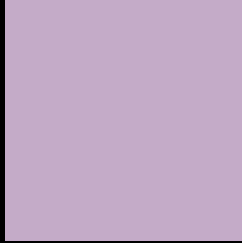
Large Text (above 18pt) WCAG AA × Fail

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, 18.252, 321.296 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

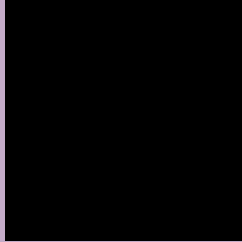
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 18.252, 321.296

Background



This preview shows how black text looks on a background with the CIELCh color 73, 18.252, 321.296.



This preview shows how white text looks on a background with the CIELCh color 73, 18.252, 321.296.

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, 18.252, 321.296

Protanopia

73, 14.682, 287.497

Deuteranopia

73, 14.317, 308.936



Tritanopia
73, 10.940, 336.397

Trichromacy



Original Color
73, 18.252, 321.296

Protanomaly
73, 14.929, 301.130

Deuteranomaly
73, 15.332, 313.530

Tritanomaly
73, 13.831, 328.886

Monochromacy



Original Color
73, 18.252, 321.296

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 6.863, 319.580

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 18.252, 321.296 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(196, 171, 200)` looks like.

```
.text, #text, p{  
    color:rgb(196, 171, 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(196, 171, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 171, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 18.252, 321.296 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(196, 171, 200) }
```

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

```
.border{ border-color:rgb(196, 171, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 171, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 171, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 171, 200);  
box-shadow:4px 4px 4px 4px rgb(196, 171,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 18.252, 321.296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 171, 200) }
```

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

```
.background{ background-color: rgb(196,  
171, 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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