

Converting Colors

CIELCh(73, 23.492, 311.738)

Have a look what the booklet for
CIELCh(73, 23.492, 311.738)
contains.

| | |
|--|----|
| CIELCh(73, 23.194, 311.634) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 21 |
| <i>Color Blindness Simulation</i> | 24 |
| <i>CSS Examples</i> | 27 |

Color

CIELCh(73, 23.194, 311.634)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | C1ABD3 |
| RGB | 193, 171, 211 |
| RGB Percent | 76%, 67%, 83% |
| CMY | 0.2431, 0.3294, 0.1726 |
| CMYK | 0.09, 0.19, 0.00, 0.17 |
| HSL | 273°, 31%, 75% |
| HSV | 273°, 19%, 83% |
| XYZ | 48.3109, 45.1644, 67.7967 |
| YIQ | 182.1380, 0.2720, 17.1040 |

Conversions

Conversions Part 2

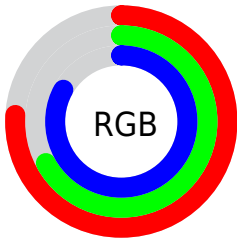
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 193, 171, 211 |
| Decimal | 12692435 |
| CIELab | 73.00, 15.41, -17.34 |
| CIELCh | 73, 23.194, 311.634 |
| Yxy | 45.1644, 0.2996, 0.2801 |
| Android (android.graphics.Color) | 4290882515 (0xFFC1ABD3) |
| YUV | 182.1380, 14.2290, 9.5260 |
| Hunter-Lab | 67.2044, 10.7096, -12.7694 |

Details

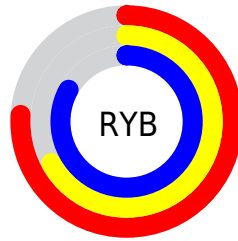
The CIELCh color $73, 23.194, 311.634$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $82, 22.666, 129.961$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 17.230, 320.134$, and $53, 22.768, 311.525$ is the 20% darker color. If you saturate the color by 10%, you get $67, 35.833, 312.122$, and if you desaturate by 10%, it is $79, 10.817, 311.166$.

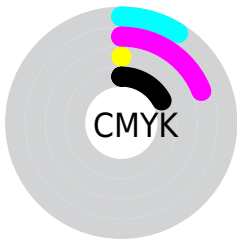
Distribution



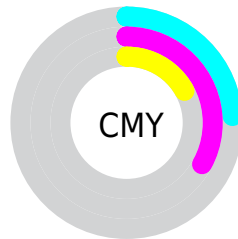
- Red (76%)
- Green (67%)
- Blue (83%)



- Red (76%)
- Yellow (67%)
- Blue (83%)



- Cyan (9%)
- Magenta (19%)
- Yellow (0%)
- Black (17%)





- Cyan (24%)
- Magenta (33%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 23.194, 311.634 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, 23.194, 311.634 by changing the saturation by 10% instead.


 73, 23.194,
311.634


 73, 23.194,
311.634


 100, 23.194,
311.634


 63, 23.194,
311.634


 93, 23.194,
311.634

 53, 23.194,
311.634

 43, 23.194,
311.634

 33, 23.194,
311.634

 23, 23.194,
311.634

 13, 23.194,
311.634

 3, 23.194, 311.634

0, 23.194, 311.634

73, 23.194,
311.634

73, 23.194,
311.634

67, 35.833,
312.122

79, 10.817,
311.166

61, 48.625,
312.620

85, 1.232, 130.867

55, 61.360,
313.101

91, 12.930,
130.378

50, 73.697,
313.519

97, 24.035,
129.891

45, 85.107,
313.811

98, 22.932,
121.973

41, 94.870,
313.889

99, 22.325,
113.285

■ 37,102.172,
313.652

■ 99,22.228,
108.494

■ 35,106.682,
313.057

■ 35,107.104,
312.994

Harmonies

Complementary

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



73, 23.194, 311.634



82, 22.666, 129.961

Rectangle

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



73, 23.194, 311.634



73, 23.194, 1.634



73, 23.194, 131.634



73, 23.194, 181.634

Sweetspot

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



73, 23.192, 311.633



96, 8.420, 311.033



76, 12.984, 261.691



51, 5.590, 311.063



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, 23.192, 311.633



84, 32.985, 311.841



75, 25.411, 326.386



41, 6.807, 311.186



27, 90.374, 313.172



3, 27.051, 309.455

Inverse Universe

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



74, 17.868, 348.157



85, 25.391, 348.615



81, 25.387, 144.132



41, 5.246, 347.206



36, 61.845, 6.441



5, 21.358, 357.107

Previews

White Background



This preview shows how the CIELCh color 73, 23.194, 311.634 looks on a white background.

Color Contrast Check

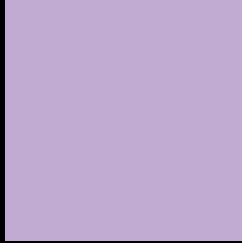
Large Text (above 18pt) WCAG AA × Fail

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, 23.194, 311.634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

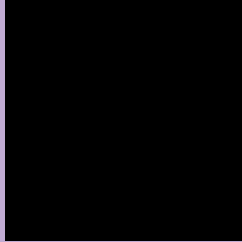
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 23.194, 311.634

Background



This preview shows how black text looks on a background with the CIELCh color 73, 23.194, 311.634.



This preview shows how white text looks on a background with the CIELCh color 73, 23.194, 311.634.

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, 23.194, 311.634

Protanopia

73, 20.173, 285.354

Deuteranopia

73, 19.239, 299.246



Tritanopia
73, 9.240, 324.817

Trichromacy



Original Color
73, 23.194, 311.634

Protanomaly
73, 21.290, 295.883

Deuteranomaly
73, 20.096, 304.056

Tritanomaly
73, 13.848, 316.070

Monochromacy



Original Color
73, 23.194, 311.634

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 8.685, 310.543

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 23.194, 311.634 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(193, 171, 211)` looks like.

```
.text, #text, p{  
    color:rgb(193, 171, 211)  
}
```

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(193, 171, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 171, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 23.194, 311.634 is called "border". The border property can be set on classes, ids or directly on the HTML element.

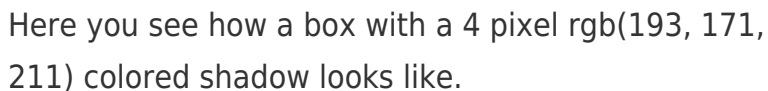
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(193, 171, 211) }
```

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

```
.border{ border-color:rgb(193, 171, 211) }
```

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



Here you see how a box with a 4 pixel rgb(193, 171, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 171, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 171, 211);  
box-shadow:4px 4px 4px 4px rgb(193, 171,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 23.194, 311.634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 171, 211) }
```

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

```
.background{ background-color: rgb(193,  
171, 211) }
```

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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