

Converting Colors

CIELCh(74, 18.150, 323.645)

Have a look what the booklet for
CIELCh(74, 18.150, 323.645)
contains.

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Color

CIELCh(74, 17.925, 323.191)

Conversions

Conversions Part 1

Format	Color
Hex	C8AECA
RGB	200, 174, 202
RGB Percent	78%, 68%, 79%
CMY	0.2165, 0.3184, 0.2086
CMYK	0.01, 0.14, 0.00, 0.21
HSL	296°, 21%, 74%
HSV	296°, 14%, 79%
XYZ	49.5019, 46.7039, 62.1591
YIQ	184.9660, 6.5080, 14.2200

Conversions

Conversions Part 2

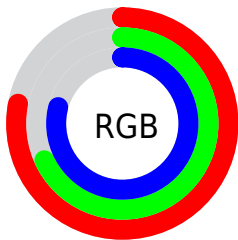
Format	Color
R _{YB}	200, 174, 202
Decimal	13151946
CIE Lab	74.00, 14.35, -10.74
CIE LCh	74, 17.925, 323.191
Yxy	46.7039, 0.3126, 0.2949
Android (android.graphics.Color)	4291342026 (0xFFC8AECA)
YUV	184.9660, 8.3978, 13.1848
Hunter-Lab	68.3403, 9.6999, -6.0892

Details

The CIELCh color $74, 17.925, 323.191$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $79, 17.870, 141.758$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 15.620, 324.964$, and $54, 17.631, 323.201$ is the 20% darker color. If you saturate the color by 10%, you get $69, 30.951, 323.695$, and if you desaturate by 10%, it is $79, 4.970, 322.655$.

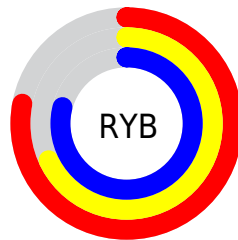
Distribution



Red (78%)

Green (68%)

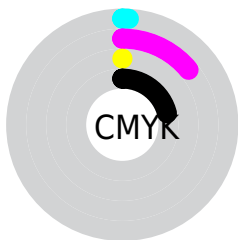
Blue (79%)



Red (78%)

Yellow (68%)

Blue (79%)

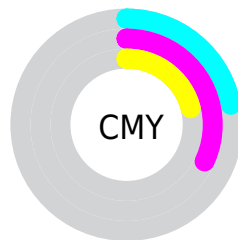


Cyan (1%)

Magenta (14%)

Yellow (0%)

Black (21%)



Cyan (22%)


Magenta (32%)


Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 17.925, 323.191 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 74, 17.925, 323.191 by changing the saturation by 10% instead.


 74, 17.925,
323.191

 74, 17.925,
323.191


 100, 17.925,
323.191


 64, 17.925,
323.191


 94, 17.925,
323.191

 54, 17.925,
323.191

 44, 17.925,
323.191

 34, 17.925,
323.191

 24, 17.925,
323.191

 14, 17.925,
323.191

 4, 17.925, 323.191

0, 17.925, 323.191

74, 17.925,
323.191

74, 17.925,
323.191

69, 30.951,
323.695

79, 4.970, 322.655

64, 43.840,
324.178

85, 7.767, 142.243

60, 56.284,
324.626

90, 20.206,
141.749

56, 67.872,
325.015

95, 32.299,
141.291

52, 78.106,
325.321

96, 32.298,
140.586

49, 86.460,
325.520

96, 32.019,
139.860

96, 31.743,

■ 47, 92.496,
325.589

139.117

■ 46, 96.025,
325.520

■ 96, 31.473,
138.358

■ 45, 97.303,
325.428

■ 96, 31.208,
137.583

Harmonies

Complementary

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



74, 17.925, 323.191



79, 17.870, 141.758

Rectangle

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



74, 17.925, 323.191



74, 17.925, 13.191



74, 17.925, 143.191



74, 17.925, 193.191

Sweetspot

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



74, 17.923, 323.191



97, 6.211, 322.666



72, 13.972, 288.171



52, 4.416, 322.712



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



74, 17.923, 323.191



89, 26.604, 323.362



74, 13.688, 340.474



40, 7.374, 322.960



37, 84.060, 325.466



5, 28.326, 324.748

Inverse Universe

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



73, 10.787, 14.576



88, 16.171, 14.914



79, 13.528, 158.343



40, 4.382, 14.149



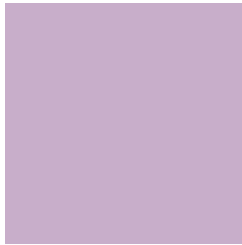
34, 72.708, 36.859



4, 17.959, 15.887

Previews

White Background



This preview shows how the CIELCh color 74, 17.925, 323.191 looks on a white background.

Color Contrast Check

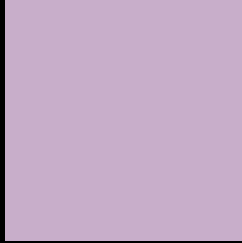
Large Text (above 18pt) WCAG AA × Fail

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 74, 17.925, 323.191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

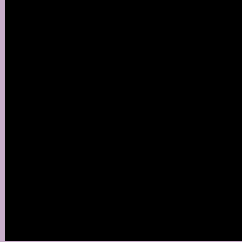
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 17.925, 323.191

Background



This preview shows how black text looks on a background with the CIELCh color 74, 17.925, 323.191.



This preview shows how white text looks on a background with the CIELCh color 74, 17.925, 323.191.

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

74, 17.925, 323.191

Protanopia

74, 13.559, 287.024

Deuteranopia

74, 14.019, 312.421



Tritanopia
74, 11.178, 337.756

Trichromacy



Original Color
74, 17.925, 323.191

Protanomaly
74, 14.433, 302.849

Deuteranomaly
74, 15.101, 316.874

Tritanomaly
74, 13.613, 331.553

Monochromacy



Original Color
74, 17.925, 323.191

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 6.378, 321.930

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 17.925, 323.191 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(200, 174, 202)` looks like.

```
.text, #text, p{  
    color:rgb(200, 174, 202)  
}
```

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(200, 174, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 174, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 17.925, 323.191 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(200, 174, 202) }
```

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

```
.border{ border-color:rgb(200, 174, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 174, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 174, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 174, 202);  
box-shadow:4px 4px 4px 4px rgb(200, 174,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 17.925, 323.191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 174, 202) }
```

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

```
.background{ background-color: rgb(200,  
174, 202) }
```

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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