

Converting Colors

CIELCh(73, 20.173, 323.960)

Have a look what the booklet for
CIELCh(73, 20.173, 323.960)
contains.

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Color

CIELCh(73, 20.111, 324.376)

Conversions

Conversions Part 1

Format	Color
Hex	C8AAC9
RGB	200, 170, 201
RGB Percent	78%, 67%, 79%
CMY	0.2163, 0.3339, 0.2123
CMYK	0.00, 0.15, 0.00, 0.21
HSL	298°, 22%, 73%
HSV	298°, 15%, 79%
XYZ	48.6524, 45.1644, 61.3200
YIQ	182.5040, 7.9290, 16.0010

Conversions

Conversions Part 2

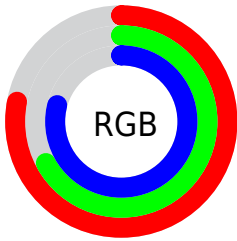
Format	Color
R_{YB}	200, 170, 201
Decimal	13150921
CIE _{Lab}	73.00, 16.35, -11.71
CIE _{LCh}	73, 20.111, 324.376
Yxy	45.1644, 0.3136, 0.2911
Android (android.graphics.Color)	4291341001 (0xFFC8AAC9)
YUV	182.5040, 9.1185, 15.3440
Hunter-Lab	67.2044, 11.6166, -7.0554

Details

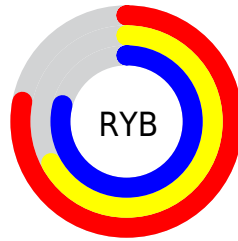
The CIELCh color $73, 20.111, 324.376$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $78, 20.071, 142.682$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 18.763, 325.076$, and $53, 19.947, 324.517$ is the 20% darker color. If you saturate the color by 10%, you get $68, 33.202, 324.900$, and if you desaturate by 10%, it is $78, 7.037, 323.828$.

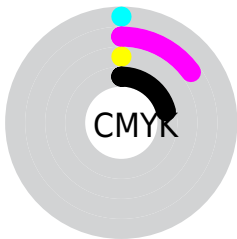
Distribution



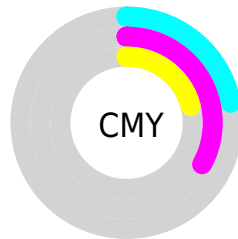
- Red (78%)
- Green (67%)
- Blue (79%)



- Red (78%)
- Yellow (67%)
- Blue (79%)



- Cyan (0%)
- Magenta (15%)
- Yellow (0%)
- Black (21%)





- Cyan (22%)
- Magenta (33%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 20.111, 324.376 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, 20.111, 324.376 by changing the saturation by 10% instead.


 73, 20.111,
324.376


 73, 20.111,
324.376


 100, 20.111,
324.376


 63, 20.111,
324.376


 93, 20.111,
324.376

 53, 20.111,
324.376

 43, 20.111,
324.376

 33, 20.111,
324.376

 23, 20.111,
324.376

 13, 20.111,
324.376

 3, 20.111, 324.376

73, 20.111,
324.376

73, 20.111,
324.376

68, 33.202,
324.900

78, 7.037, 323.828

83, 5.850, 143.389

63, 46.074,
325.402

89, 18.452,
142.855

59, 58.388,
325.865

94, 30.710,
142.366

55, 69.707,
326.272

95, 33.484,
142.023

52, 79.527,
326.601

95, 33.354,
141.719

50, 87.350,
326.834

95, 33.225,

■ 48, 92.805,
326.958

141.412

■ 47, 95.807,
326.970

■ 95, 33.096,
141.102

■ 47, 96.699,
326.955

■ 95, 32.968,
140.789

Harmonies

Complementary

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



73, 20.111, 324.376



78, 20.071, 142.682

Rectangle

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



73, 20.111, 324.376



73, 20.111, 14.376



73, 20.111, 144.376



73, 20.111, 194.376

Sweetspot

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



73, 20.109, 324.376



97, 7.863, 323.807



71, 16.387, 290.526



51, 5.367, 323.849



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, 20.109, 324.376



88, 30.093, 324.579



73, 14.684, 343.150



39, 7.309, 324.050



38, 82.885, 326.973



4, 26.378, 325.734

Inverse Universe

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



72, 12.003, 17.846



87, 18.195, 18.216



78, 14.442, 160.635



39, 4.279, 17.308



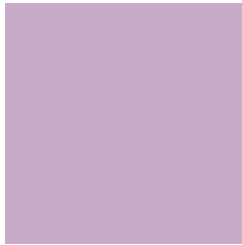
34, 73.351, 38.463



3, 15.898, 17.730

Previews

White Background



This preview shows how the CIELCh color 73, 20.111, 324.376 looks on a white background.

Color Contrast Check

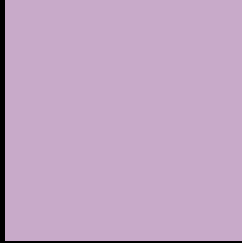
Large Text (above 18pt) WCAG AA × Fail

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, 20.111, 324.376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

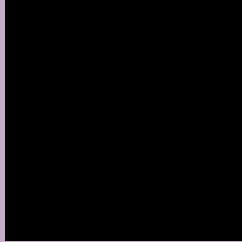
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 20.111, 324.376

Background



This preview shows how black text looks on a background with the CIELCh color 73, 20.111, 324.376.




This preview shows how white text looks on a background with the CIELCh color 73, 20.111, 324.376.

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





Tritanopia
73, 12.366, 342.674

Trichromacy



Original Color
73, 20.111, 324.376

Protanomaly
73, 16.077, 301.798

Deuteranomaly
73, 16.274, 316.406

Tritanomaly
73, 15.052, 334.647

Monochromacy



Original Color
73, 20.111, 324.376

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 7.051, 322.219

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 20.111, 324.376 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, 170, 201)` looks like.

```
.text, #text, p{  
    color:rgb(200, 170, 201)  
}
```

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, 170, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 170, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 20.111, 324.376 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, 170, 201) }
```

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

```
.border{ border-color:rgb(200, 170, 201) }
```

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

Here you see how a box with a 4 pixel rgb(200, 170, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 170, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 170, 201);  
box-shadow:4px 4px 4px 4px rgb(200, 170,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 20.111, 324.376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 170, 201) }
```

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

```
.background{ background-color: rgb(200,  
170, 201) }
```

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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