

Converting Colors

CIELCh(73, 22.879, 326.618)

Have a look what the booklet for
CIELCh(73, 22.879, 326.618)
contains.

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Color

CIELCh(73, 23.097, 326.154)

Conversions

Conversions Part 1

Format	Color
Hex	CCA8CB
RGB	204, 168, 203
RGB Percent	80%, 66%, 80%
CMY	0.1999, 0.3411, 0.2038
CMYK	0.00, 0.18, 0.00, 0.20
HSL	302°, 26%, 73%
HSV	302°, 18%, 80%
XYZ	49.6945, 45.1644, 62.6101
YIQ	182.7540, 10.2210, 18.5170

Conversions

Conversions Part 2

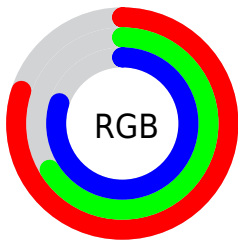
Format	Color
R_{YB}	204, 168, 203
Decimal	13412555
CIE _{Lab}	73.00, 19.18, -12.86
CIE _{LCh}	73, 23.097, 326.154
Yxy	45.1644, 0.3156, 0.2868
Android (android.graphics.Color)	4291602635 (0xFFCCA8CB)
YUV	182.7540, 9.9813, 18.6327
Hunter-Lab	67.2044, 14.3845, -8.1936

Details

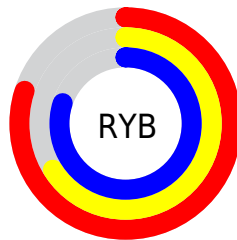
The CIELCh color $73, 23.097, 326.154$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $79, 23.072, 144.082$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 20.022, 325.121$, and $53, 23.081, 326.451$ is the 20% darker color. If you saturate the color by 10%, you get $68, 36.184, 326.708$, and if you desaturate by 10%, it is $78, 9.960, 325.584$.

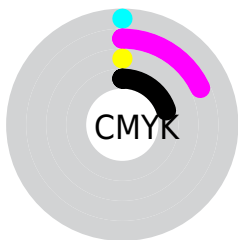
Distribution



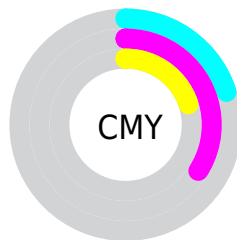
- Red (80%)
- Green (66%)
- Blue (80%)



- Red (80%)
- Yellow (66%)
- Blue (80%)



- Cyan (0%)
- Magenta (18%)
- Yellow (0%)
- Black (20%)





- Cyan (20%)
- Magenta (34%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 23.097, 326.154 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, 23.097, 326.154 by changing the saturation by 10% instead.


 73, 23.097,
326.154


 73, 23.097,
326.154


 100, 23.097,
326.154


 63, 23.097,
326.154


 93, 23.097,
326.154

 53, 23.097,
326.154

 43, 23.097,
326.154

 33, 23.097,
326.154

 23, 23.097,
326.154

 13, 23.097,
326.154

 3, 23.097, 326.154

73, 23.097,
326.154

73, 23.097,
326.154

68, 36.184,
326.708

78, 9.960, 325.584

83, 3.031, 145.151

64, 48.952,
327.241

89, 15.758,
144.543

59, 61.025,
327.742

94, 28.150,
144.019

56, 71.936,
328.195

96, 31.176,
144.109

53, 81.171,
328.587

96, 30.938,
144.415

51, 88.256,
328.908

96, 30.701,

■ 49, 92.894,
329.155

144.725

■ 48, 95.179,
329.336

■ 96, 30.465,
145.040

■ 48, 95.571,
329.375

■ 96, 30.229,
145.360

Harmonies

Complementary

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



73, 23.097, 326.154



79, 23.072, 144.082

Rectangle

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



73, 23.097, 326.154



73, 23.097, 16.154



73, 23.097, 146.154



73, 23.097, 196.154

Sweetspot

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



73, 23.095, 326.154



97, 7.796, 325.428



70, 19.749, 292.722



51, 5.321, 325.473



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, 23.095, 326.154



87, 32.963, 326.357



72, 16.497, 346.092



40, 7.397, 325.686



39, 81.924, 329.358



5, 28.405, 328.401

Inverse Universe

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



73, 23.095, 326.154



87, 32.963, 326.357



79, 16.107, 163.033



40, 7.397, 325.686



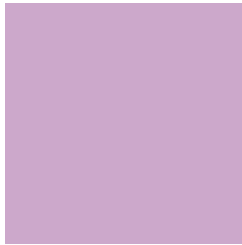
39, 81.924, 329.358



5, 28.405, 328.401

Previews

White Background



This preview shows how the CIELCh color 73, 23.097, 326.154 looks on a white background.

Color Contrast Check

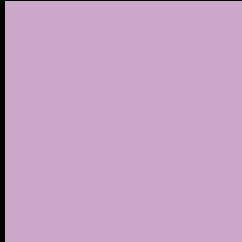
Large Text (above 18pt) WCAG AA × Fail

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, 23.097, 326.154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

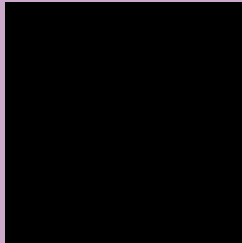
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 23.097, 326.154

Background



This preview shows how black text looks on a background with the CIELCh color 73, 23.097, 326.154.



This preview shows how white text looks on a background with the CIELCh color 73, 23.097, 326.154.

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, 23.097, 326.154

Protanopia

73, 16.887, 285.936

Deuteranopia

73, 15.255, 306.446



Tritanopia
73, 13.602, 346.775

Trichromacy



Original Color
73, 23.097, 326.154

Protanomaly
73, 18.361, 302.895

Deuteranomaly
73, 18.056, 316.348

Tritanomaly
73, 16.851, 335.887

Monochromacy



Original Color
73, 23.097, 326.154

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 8.122, 326.934

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 23.097, 326.154 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(204, 168, 203)` looks like.

```
.text, #text, p{  
    color:rgb(204, 168, 203)  
}
```

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(204, 168, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 168, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 23.097, 326.154 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(204, 168, 203) }
```

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

```
.border{ border-color:rgb(204, 168, 203) }
```

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

Here you see how a box with a 4 pixel rgb(204, 168, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 168, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 168, 203);  
box-shadow:4px 4px 4px 4px rgb(204, 168,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 23.097, 326.154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 168, 203) }
```

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

```
.background{ background-color: rgb(204,  
168, 203) }
```

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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