

Converting Colors

CIELCh(73, 27.642, 324.267)

Have a look what the booklet for
CIELCh(73, 27.642, 324.267)
contains.

CIELCh(73, 27.624, 324.247)	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, 27.624, 324.247)

Conversions

Conversions Part 1

Format	Color
Hex	CFA6D1
RGB	207, 166, 209
RGB Percent	81%, 65%, 82%
CMY	0.1881, 0.3488, 0.1802
CMYK	0.01, 0.21, 0.00, 0.18
HSL	297°, 32%, 74%
HSV	297°, 21%, 82%
XYZ	50.9015, 45.1644, 66.3837
YIQ	183.1610, 10.6330, 22.0650

Conversions

Conversions Part 2

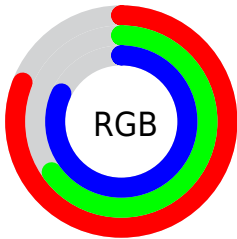
Format	Color
RYB	207, 166, 209
Decimal	13608657
CIELab	73.00, 22.42, -16.14
CIELCh	73, 27.624, 324.247
Yxy	45.1644, 0.3133, 0.2780
Android (android.graphics.Color)	4291798737 (0xFFCFA6D1)
YUV	183.1610, 12.7386, 20.9068
Hunter-Lab	67.2044, 17.5905, -11.5228

Details

The CIELCh color $73, 27.624, 324.247$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $80, 27.554, 141.960$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 21.281, 325.165$, and $53, 27.653, 323.747$ is the 20% darker color. If you saturate the color by 10%, you get $68, 41.027, 324.754$, and if you desaturate by 10%, it is $78, 14.132, 323.722$.

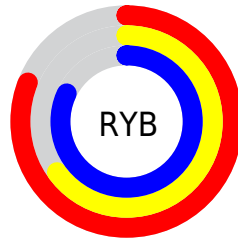
Distribution



Red (81%)

Green (65%)

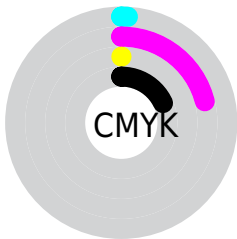
Blue (82%)



Red (81%)

Yellow (65%)

Blue (82%)

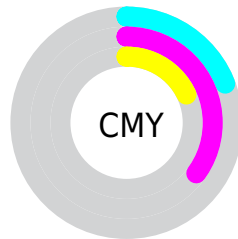


Cyan (1%)

Magenta (21%)

Yellow (0%)

Black (18%)



Cyan (19%)


Magenta (35%)


Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 27.624, 324.247 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, 27.624, 324.247 by changing the saturation by 10% instead.


 73, 27.624,
324.247

 73, 27.624,
324.247

 100, 27.624,
324.247


 63, 27.624,
324.247


 93, 27.624,
324.247

 53, 27.624,
324.247

 43, 27.624,
324.247

 33, 27.624,
324.247

 23, 27.624,
324.247

 13, 27.624,
324.247

 3, 27.624, 324.247

0, 27.624, 324.247

73, 27.624,
324.247

73, 27.624,
324.247

68, 41.027,
324.754

78, 14.132,
323.722

63, 54.054,
325.230

84, 0.763, 322.890

59, 66.301,
325.657

89, 12.356,
142.742

56, 77.276,
326.014

95, 25.145,
142.245

52, 86.439,
326.277

96, 28.207,
141.716

50, 93.314,
326.430

96, 28.014,
141.160

■ 49, 97.636,
326.460

■ 96, 27.824,
140.595

■ 48, 99.724,
326.393

■ 96, 27.636,
140.021

■ 96, 27.451,
139.437

Harmonies

Complementary

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



73, 27.624, 324.247



80, 27.554, 141.960

Rectangle

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



73, 27.624, 324.247



73, 27.624, 14.247



73, 27.624, 144.247



73, 27.624, 194.247

Sweetspot

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



73, 27.622, 324.247



96, 9.400, 323.476



70, 22.391, 290.513



51, 6.238, 323.513



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, 27.622, 324.247



85, 39.465, 324.489



73, 20.531, 342.754



41, 7.583, 323.660



38, 84.861, 326.420



5, 30.733, 326.128

Inverse Universe

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



72, 16.840, 17.238



83, 24.451, 17.766



80, 20.124, 159.319



41, 4.463, 16.164



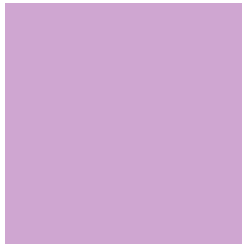
35, 74.540, 37.948



4, 20.021, 17.298

Previews

White Background



This preview shows how the CIELCh color 73, 27.624, 324.247 looks on a white background.

Color Contrast Check

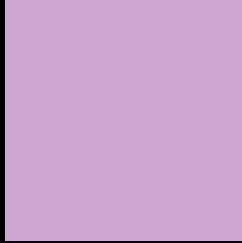
Large Text (above 18pt) WCAG AA × Fail

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, 27.624, 324.247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

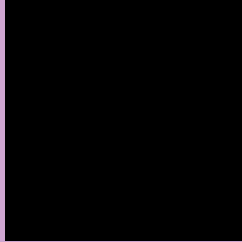
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 27.624, 324.247

Background



This preview shows how black text looks on a background with the CIELCh color 73, 27.624, 324.247.



This preview shows how white text looks on a background with the CIELCh color 73, 27.624, 324.247.

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, 27.624, 324.247

Protanopia

73, 21.248, 285.828

Deuteranopia

73, 17.681, 300.955



Tritanopia
73, 13.975, 350.475

Trichromacy



Original Color
73, 27.624, 324.247

Protanomaly
73, 22.096, 301.206

Deuteranomaly
73, 20.911, 311.741

Tritanomaly
73, 18.387, 336.063

Monochromacy



Original Color
73, 27.624, 324.247

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 9.874, 324.841

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 27.624, 324.247 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(207, 166, 209)` looks like.

```
.text, #text, p{  
    color:rgb(207, 166, 209)  
}
```

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(207, 166, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 166, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 27.624, 324.247 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(207, 166, 209) }
```

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

```
.border{ border-color:rgb(207, 166, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 166, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 166, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 166, 209);  
box-shadow:4px 4px 4px 4px rgb(207, 166,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 27.624, 324.247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 166, 209) }
```

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

```
.background{ background-color: rgb(207,  
166, 209) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor