

Converting Colors

CIELCh(75, 35.949, 324.887)

Have a look what the booklet for
CIELCh(75, 35.949, 324.887)
contains.

CIELCh(75, 35.662, 324.794)	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(75, 35.662, 324.794)

Conversions

Conversions Part 1

Format	Color
Hex	DDA7DF
RGB	221, 167, 223
RGB Percent	87%, 65%, 87%
CMY	0.1337, 0.3455, 0.1259
CMYK	0.01, 0.25, 0.00, 0.13
HSL	298°, 47%, 76%
HSV	298°, 25%, 87%
XYZ	56.8920, 48.2781, 76.0579
YIQ	189.5300, 14.2080, 28.8640

Conversions

Conversions Part 2

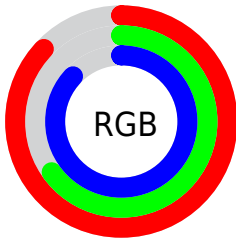
Format	Color
R_{YB}	221, 167, 223
Decimal	14526431
CIE _{Lab}	75.00, 29.14, -20.56
CIE _{LCh}	75, 35.662, 324.794
Yxy	48.2781, 0.3139, 0.2664
Android (android.graphics.Color)	4292716511 (0xFFDDA7DF)
YUV	189.5300, 16.5007, 27.5992
Hunter-Lab	69.4824, 24.5608, -16.2632

Details

The CIELCh color $75, 35.662, 324.794$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $84, 35.589, 141.885$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 20.022, 325.121$, and $55, 36.011, 324.543$ is the 20% darker color. If you saturate the color by 10%, you get $70, 49.665, 325.297$, and if you desaturate by 10%, it is $80, 21.421, 324.268$.

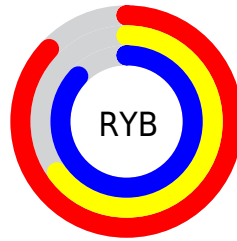
Distribution



Red (87%)

Green (65%)

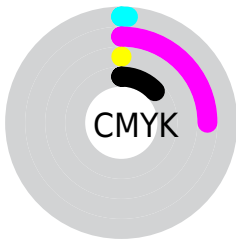
Blue (87%)



Red (87%)

Yellow (65%)

Blue (87%)

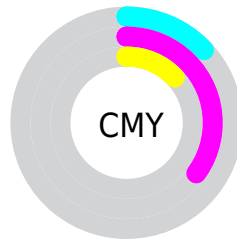


Cyan (1%)

Magenta (25%)

Yellow (0%)

Black (13%)



Cyan (13%)


Magenta (35%)


Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 35.662, 324.794 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 75, 35.662, 324.794 by changing the saturation by 10% instead.


 75, 35.662,
324.794


 75, 35.662,
324.794


 100, 35.662,
324.794


 65, 35.662,
324.794


 95, 35.662,
324.794

 55, 35.662,
324.794

 45, 35.662,
324.794

 35, 35.662,
324.794

 25, 35.662,
324.794

 15, 35.662,
324.794

 5, 35.662, 324.794

■ 0, 35.662, 324.794

■ 75, 35.662,
324.794

■ 75, 35.662,
324.794

■ 70, 49.665,
325.297

■ 80, 21.421,
324.268

■ 65, 63.067,
325.762

■ 86, 7.212, 323.718

■ 61, 75.388,
326.168

■ 92, 6.789, 143.276

■ 58, 86.071,
326.495

■ 97, 19.823,
142.738

■ 55, 94.564,
326.723

■ 97, 19.663,
142.086

■ 53, 100.460,
326.838

■ 97, 19.506,
141.421

■ 97, 19.352,

■ 52, 103.667,
326.838

140.744

■ 52, 104.579,
326.810

■ 97, 19.200,
140.055

■ 97, 19.051,
139.354

Harmonies

Complementary

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



75, 35.662, 324.794



84, 35.589, 141.885

Rectangle

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



75, 35.662, 324.794



75, 35.662, 14.794



75, 35.662, 144.794



75, 35.662, 194.794

Sweetspot

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



75, 35.660, 324.794



95, 12.592, 323.886



71, 29.075, 291.177



50, 8.957, 323.969



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 35.660, 324.794



82, 47.446, 325.055



74, 26.486, 343.197



44, 8.064, 323.962



41, 87.640, 326.832



7, 35.908, 327.033

Inverse Universe

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



74, 22.037, 18.594



80, 29.882, 19.226



84, 25.852, 158.858



44, 4.728, 17.041



36, 77.566, 38.483



6, 25.457, 19.439

Previews

White Background



This preview shows how the CIELCh color 75, 35.662, 324.794 looks on a white background.

Color Contrast Check

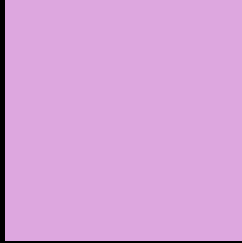
Large Text (above 18pt) WCAG AA × Fail

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 75, 35.662, 324.794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

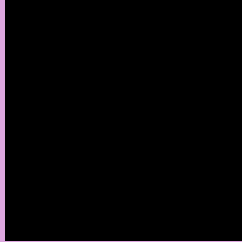
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 35.662, 324.794

Background



This preview shows how black text looks on a background with the CIELCh color 75, 35.662, 324.794.

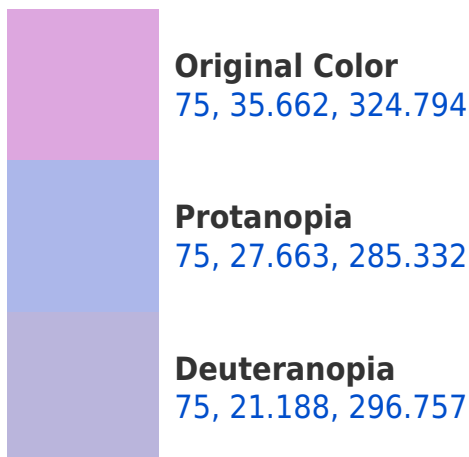


This preview shows how white text looks on a background with the CIELCh color 75, 35.662, 324.794.

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
75, 17.338, 357.257

Trichromacy



Original Color
75, 35.662, 324.794



Protanomaly
75, 29.108, 301.403



Deuteranomaly
75, 25.723, 310.399



Tritanomaly
75, 23.305, 339.512

Monochromacy



Original Color
75, 35.662, 324.794



Achromatopsia
77, 0.009, 296.813



Achromatomaly
76, 13.069, 324.965

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 35.662, 324.794 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(221, 167, 223)` looks like.

```
.text, #text, p{  
    color:rgb(221, 167, 223)  
}
```

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(221, 167, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 167, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 35.662, 324.794 is called "border". The border property can be set on classes, ids or directly on the HTML element.

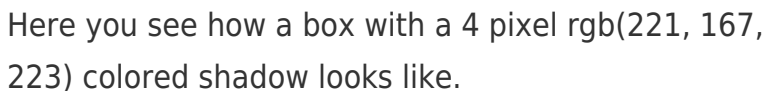
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(221, 167, 223) }
```

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

```
.border{ border-color:rgb(221, 167, 223) }
```

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



Here you see how a box with a 4 pixel `rgb(221, 167, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 167, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 167, 223); box-shadow:4px 4px 4px 4px rgb(221, 167, 223) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 35.662, 324.794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 167, 223) }
```

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

```
.background{ background-color: rgb(221,  
167, 223) }
```

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