

Converting Colors

CIELCh(75, 21.972, 336.048)

Have a look what the booklet for
CIELCh(75, 21.972, 336.048)
contains.

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Color

CIELCh(75, 21.967, 336.052)

Conversions

Conversions Part 1

Format	Color
Hex	D6ACC9
RGB	214, 172, 201
RGB Percent	84%, 67%, 79%
CMY	0.1590, 0.3237, 0.2100
CMYK	0.00, 0.20, 0.06, 0.16
HSL	319°, 34%, 76%
HSV	319°, 20%, 84%
XYZ	53.2995, 48.2781, 62.0479
YIQ	187.8640, 15.7230, 17.9230

Conversions

Conversions Part 2

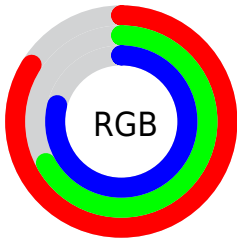
Format	Color
R_{YB}	214, 172, 201
Decimal	14068937
CIE Lab	75.00, 20.08, -8.92
CIE LCh	75, 21.967, 336.052
Yxy	48.2781, 0.3257, 0.2951
Android (android.graphics.Color)	4292259017 (0xFFD6ACC9)
YUV	187.8640, 6.4760, 22.9213
Hunter-Lab	69.4824, 15.3318, -4.3083

Details

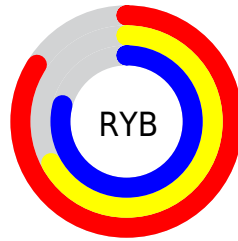
The CIELCh color $75, 21.967, 336.052$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $82, 21.777, 153.204$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 16.877, 325.009$, and $55, 22.287, 336.033$ is the 20% darker color. If you saturate the color by 10%, you get $70, 33.226, 336.841$, and if you desaturate by 10%, it is $80, 10.686, 335.305$.

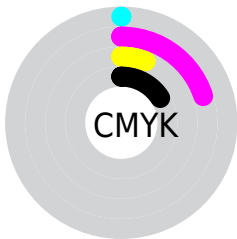
Distribution



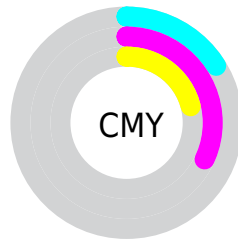
- Red (84%)
- Green (67%)
- Blue (79%)



- Red (84%)
- Yellow (67%)
- Blue (79%)



- Cyan (0%)
- Magenta (20%)
- Yellow (6%)
- Black (16%)





- Cyan (16%)
- Magenta (32%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 21.967, 336.052 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, 21.967, 336.052 by changing the saturation by 10% instead.


 75, 21.967,
336.052


 75, 21.967,
336.052


 100, 21.967,
336.052


 65, 21.967,
336.052


 95, 21.967,
336.052

 55, 21.967,
336.052

 45, 21.967,
336.052

 35, 21.967,
336.052

 25, 21.967,
336.052

 15, 21.967,
336.052

 5, 21.967, 336.052

0, 21.967, 336.052

75, 21.967,
336.052

75, 21.967,
336.052

70, 33.226,
336.841

80, 10.686,
335.305

65, 44.213,
337.686

86, 0.443, 155.464

60, 54.560,
338.605

92, 11.322,
154.038

56, 63.793,
339.626

97, 19.951,
154.513

53, 71.366,
340.788

97, 17.640,
162.190

50, 76.763,
342.149

97, 15.704,
171.902

■ 49, 79.664,
343.786

■ 97, 14.301,
183.862

■ 48, 80.347,
345.746

■ 97, 13.601,
197.675

■ 48, 80.363,
345.829

■ 97, 13.584,
198.599

Harmonies

Complementary

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



75, 21.967, 336.052



82, 21.777, 153.204

Rectangle

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



75, 21.967, 336.052



75, 21.967, 26.052



75, 21.967, 156.052



75, 21.967, 206.052

Sweetspot

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



75, 21.964, 336.053



96, 7.672, 335.037



73, 23.364, 303.047



51, 5.091, 335.089



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, 21.964, 336.053



85, 31.010, 336.413



74, 16.677, 5.215



42, 6.316, 335.292



38, 68.040, 345.467



6, 26.289, 341.648

Inverse Universe

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



75, 21.964, 336.053



85, 31.010, 336.413



83, 15.411, 181.500



42, 6.316, 335.292



38, 68.040, 345.467



6, 26.289, 341.648

Previews

White Background



This preview shows how the CIELCh color 75, 21.967, 336.052 looks on a white background.

Color Contrast Check

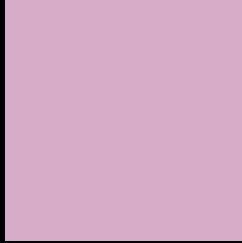
Large Text (above 18pt) WCAG AA × Fail

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 75, 21.967, 336.052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

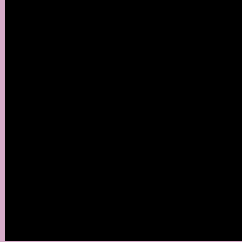
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 21.967, 336.052

Background



This preview shows how black text looks on a background with the CIELCh color 75, 21.967, 336.052.



This preview shows how white text looks on a background with the CIELCh color 75, 21.967, 336.052.

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

75, 21.967, 336.052

Protanopia

75, 13.516, 288.482

Deuteranopia

75, 12.327, 319.234



Tritanopia
75, 15.932, 354.849

Trichromacy



Original Color
75, 21.967, 336.052

Protanomaly
75, 15.508, 310.289

Deuteranomaly
75, 16.115, 327.294

Tritanomaly
75, 18.093, 346.676

Monochromacy



Original Color
75, 21.967, 336.052

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 8.410, 335.309

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 21.967, 336.052 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(214, 172, 201)` looks like.

```
.text, #text, p{  
    color:rgb(214, 172, 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(214, 172, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 172, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 21.967, 336.052 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(214, 172, 201) }
```

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

```
.border{ border-color:rgb(214, 172, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 172, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 172, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 172, 201);  
box-shadow:4px 4px 4px 4px rgb(214, 172,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 21.967, 336.052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 172, 201) }
```

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

```
.background{ background-color: rgb(214,  
172, 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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