

Converting Colors

CIELCh(75, 33.656, 335.363)

Have a look what the booklet for
CIELCh(75, 33.656, 335.363)
contains.

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Color

CIELCh(75, 33.754, 335.510)

Conversions

Conversions Part 1

Format	Color
Hex	E5A5D3
RGB	229, 165, 211
RGB Percent	90%, 65%, 83%
CMY	0.1019, 0.3529, 0.1725
CMYK	0.00, 0.28, 0.08, 0.10
HSL	317°, 55%, 77%
HSV	317°, 28%, 90%
XYZ	57.5337, 48.2781, 67.9220
YIQ	189.3800, 23.3780, 27.8740

Conversions

Conversions Part 2

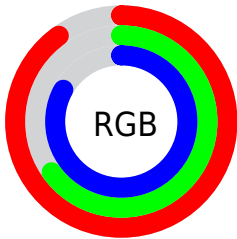
Format	Color
R _Y B	229, 165, 211
Decimal	15050195
CIE Lab	75.00, 30.72, -13.99
CIE LCh	75, 33.754, 335.510
Yxy	48.2781, 0.3312, 0.2779
Android (android.graphics.Color)	4293240275 (0xFFE5A5D3)
YUV	189.3800, 10.6587, 34.7467
Hunter-Lab	69.4824, 26.2094, -9.3207

Details

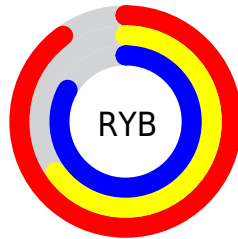
The CIELCh color **75, 33.754, 335.510** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **86, 33.451, 151.330**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 21.281, 325.165**, and **55, 33.884, 335.926** is the 20% darker color. If you saturate the color by 10%, you get **70, 45.613, 336.308**, and if you desaturate by 10%, it is **81, 21.632, 334.759**.

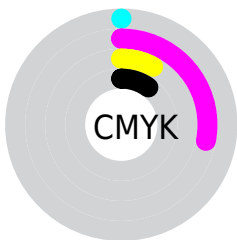
Distribution



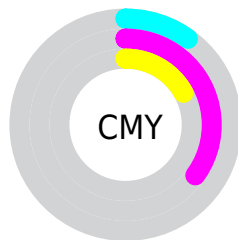
- Red (90%)
- Green (65%)
- Blue (83%)



- Red (90%)
- Yellow (65%)
- Blue (83%)



- Cyan (0%)
- Magenta (28%)
- Yellow (8%)
- Black (10%)





- Cyan (10%)
- Magenta (35%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 33.754, 335.510 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, 33.754, 335.510 by changing the saturation by 10% instead.


 75, 33.754,
335.510


 75, 33.754,
335.510


 100, 33.754,
335.510


 65, 33.754,
335.510


 95, 33.754,
335.510

 55, 33.754,
335.510

 45, 33.754,
335.510

 35, 33.754,
335.510

 25, 33.754,
335.510

 15, 33.754,
335.510

 5, 33.754, 335.510

0, 33.754, 335.510

75, 33.754,
335.510

75, 33.754,
335.510

70, 45.613,
336.308

81, 21.632,
334.759

65, 56.841,
337.163

86, 9.516, 334.035

61, 66.942,
338.096

92, 2.426, 153.561

57, 75.339,
339.137

98, 13.105,
153.543

54, 81.471,
340.332

98, 10.923,
165.400

52, 84.959,
341.744

98, 9.384, 181.984

98, 8.848, 198.921

■ 51, 85.876,
343.436

■ 51, 85.925,
343.805

Harmonies

Complementary

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



75, 33.754, 335.510



86, 33.451, 151.330

Rectangle

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



75, 33.754, 335.510



75, 33.754, 25.510



75, 33.754, 155.510



75, 33.754, 205.510

Sweetspot

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



75, 33.751, 335.511



95, 10.456, 334.042



71, 35.561, 302.556



50, 7.439, 334.152



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, 33.751, 335.511



79, 44.714, 336.003



74, 25.806, 3.830



45, 6.822, 334.144



40, 71.529, 343.477



8, 30.882, 340.522

Inverse Universe

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



75, 33.751, 335.511



79, 44.714, 336.003



86, 23.246, 178.076



45, 6.822, 334.144



40, 71.529, 343.477



8, 30.882, 340.522

Previews

White Background



This preview shows how the CIELCh color 75, 33.754, 335.510 looks on a white background.

Color Contrast Check

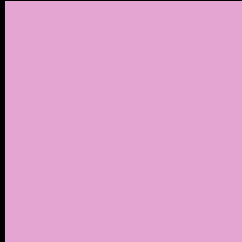
Large Text (above 18pt) WCAG AA × Fail

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, 33.754, 335.510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

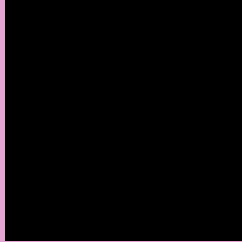
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 33.754, 335.510

Background



This preview shows how black text looks on a background with the CIELCh color 75, 33.754, 335.510.




This preview shows how white text looks on a background with the CIELCh color 75, 33.754, 335.510.

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, 22.116, 3.127

Trichromacy



Original Color
75, 33.754, 335.510



Protanomaly
75, 24.302, 307.999



Deuteranomaly
75, 21.369, 321.979



Tritanomaly
75, 25.467, 350.049

Monochromacy



Original Color
75, 33.754, 335.510



Achromatopsia
77, 0.009, 296.813



Achromatomaly
76, 12.768, 334.724

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 33.754, 335.510 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(229, 165, 211)` looks like.

```
.text, #text, p{  
    color:rgb(229, 165, 211)  
}
```

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(229, 165, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 165, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 33.754, 335.510 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(229, 165, 211) }
```

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

```
.border{ border-color:rgb(229, 165, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 165, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 165, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 165, 211);  
box-shadow:4px 4px 4px 4px rgb(229, 165,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 33.754, 335.510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 165, 211) }
```

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

```
.background{ background-color: rgb(229,  
165, 211) }
```

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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