

Converting Colors

CIELCh(75, 36.398, 327.070)

Have a look what the booklet for
CIELCh(75, 36.398, 327.070)
contains.

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Color

CIELCh(75, 36.413, 326.811)

Conversions

Conversions Part 1

Format	Color
Hex	E0A6DE
RGB	224, 166, 222
RGB Percent	88%, 65%, 87%
CMY	0.1224, 0.3498, 0.1302
CMYK	0.00, 0.26, 0.01, 0.12
HSL	302°, 48%, 76%
HSV	302°, 26%, 88%
XYZ	57.4340, 48.2781, 75.2543
YIQ	189.7260, 16.5920, 29.7120

Conversions

Conversions Part 2

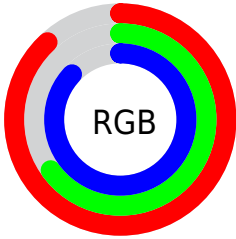
Format	Color
RYB	224, 166, 222
Decimal	14722782
CIELab	75.00, 30.47, -19.93
CIELCh	75, 36.413, 326.811
Yxy	48.2781, 0.3174, 0.2668
Android (android.graphics.Color)	4292912862 (0xFFE0A6DE)
YUV	189.7260, 15.9111, 30.0583
Hunter-Lab	69.4824, 25.9534, -15.5775

Details

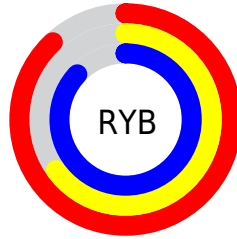
The CIELCh color $75, 36.413, 326.811$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $84, 36.394, 143.603$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 20.651, 325.143$, and $55, 36.742, 326.686$ is the 20% darker color. If you saturate the color by 10%, you get $70, 50.192, 327.356$, and if you desaturate by 10%, it is $80, 22.337, 326.249$.

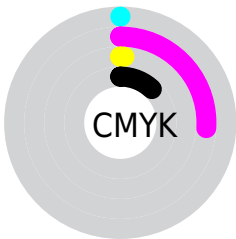
Distribution



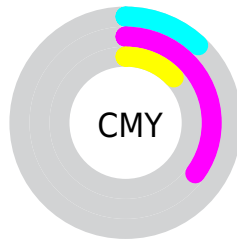
- Red (88%)
- Green (65%)
- Blue (87%)



- Red (88%)
- Yellow (65%)
- Blue (87%)



- Cyan (0%)
- Magenta (26%)
- Yellow (1%)
- Black (12%)





- Cyan (12%)
- Magenta (35%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 36.413, 326.811 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, 36.413, 326.811 by changing the saturation by 10% instead.


 75, 36.413,
326.811


 75, 36.413,
326.811


 100, 36.413,
326.811


 65, 36.413,
326.811


 95, 36.413,
326.811

 55, 36.413,
326.811

 45, 36.413,
326.811

 35, 36.413,
326.811

 25, 36.413,
326.811

 15, 36.413,
326.811

 5, 36.413, 326.811

0, 36.413, 326.811

75, 36.413,
326.811

75, 36.413,
326.811

70, 50.192,
327.356

80, 22.337,
326.249

66, 63.292,
327.871

86, 8.255, 325.668

61, 75.216,
328.343

91, 5.644, 145.202

97, 19.041,
144.646

58, 85.406,
328.757

97, 18.719,
145.337

56, 93.330,
329.105

97, 18.399,
146.050

54, 98.627,
329.381

97, 18.082,

■ 53, 101.270,
329.593

146.787

■ 53, 101.888,
329.669

■ 97, 17.768,
147.550

■ 97, 17.457,
148.339

Harmonies

Complementary

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



75, 36.413, 326.811



84, 36.394, 143.603

Rectangle

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



75, 36.413, 326.811



75, 36.413, 16.811



75, 36.413, 146.811



75, 36.413, 196.811

Sweetspot

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



75, 36.410, 326.811



95, 12.438, 325.797



70, 31.823, 294.394



50, 8.847, 325.886



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, 36.410, 326.811



81, 48.334, 327.104



74, 26.041, 347.930



44, 7.965, 325.878



41, 85.167, 329.645



8, 35.109, 329.401

Inverse Universe

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



75, 36.410, 326.811



81, 48.334, 327.104



85, 25.071, 163.084



44, 7.965, 325.878



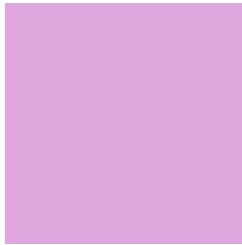
41, 85.167, 329.645



8, 35.109, 329.401

Previews

White Background



This preview shows how the CIELCh color 75, 36.413, 326.811 looks on a white background.

Color Contrast Check

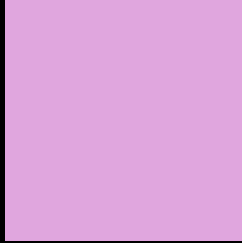
Large Text (above 18pt) WCAG AA × Fail

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, 36.413, 326.811 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, 36.413, 326.811

Background



This preview shows how black text looks on a background with the CIELCh color 75, 36.413, 326.811.



This preview shows how white text looks on a background with the CIELCh color 75, 36.413, 326.811.

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, 36.413, 326.811

Protanopia

75, 27.663, 285.332

Deuteranopia

75, 20.651, 296.841



Tritanopia
75, 19.322, 358.314

Trichromacy



Original Color
75, 36.413, 326.811



Protanomaly
75, 29.160, 302.061



Deuteranomaly
75, 25.967, 311.894



Tritanomaly
75, 24.435, 342.034

Monochromacy



Original Color
75, 36.413, 326.811



Achromatopsia
77, 0.009, 296.813



Achromatomaly
76, 13.713, 324.990

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 36.413, 326.811 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(224, 166, 222)` looks like.

```
.text, #text, p{  
    color:rgb(224, 166, 222)  
}
```

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(224, 166, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 166, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 36.413, 326.811 is called "border". The border property can be set on classes, ids or directly on the HTML element.

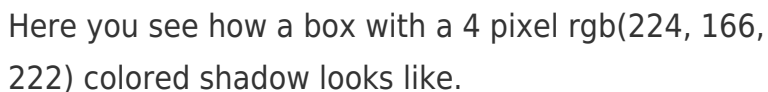
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(224, 166, 222) }
```

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

```
.border{ border-color:rgb(224, 166, 222) }
```

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



Here you see how a box with a 4 pixel `rgb(224, 166, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 166, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 166, 222); box-shadow:4px 4px 4px 4px rgb(224, 166, 222) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 36.413, 326.811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 166, 222) }
```

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

```
.background{ background-color: rgb(224,  
166, 222) }
```

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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