

Converting Colors

CIELCh(75, 38.562, 324.475)

Have a look what the booklet for
CIELCh(75, 38.562, 324.475)
contains.

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Color

CIELCh(75, 38.600, 324.504)

Conversions

Conversions Part 1

Format	Color
Hex	DFA5E2
RGB	223, 165, 226
RGB Percent	87%, 65%, 89%
CMY	0.1241, 0.3517, 0.1124
CMYK	0.01, 0.27, 0.00, 0.11
HSL	297°, 52%, 77%
HSV	297°, 27%, 89%
XYZ	57.8236, 48.2781, 78.4657
YIQ	189.2960, 14.9870, 31.2670

Conversions

Conversions Part 2

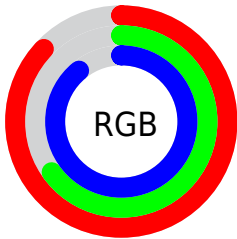
Format	Color
R _Y B	223, 165, 226
Decimal	14656994
CIE Lab	75.00, 31.43, -22.41
CIE LCh	75, 38.600, 324.504
Yxy	48.2781, 0.3133, 0.2616
Android (android.graphics.Color)	4292847074 (0xFFDFA5E2)
YUV	189.2960, 18.0951, 29.5584
Hunter-Lab	69.4824, 26.9541, -18.3178

Details

The CIELCh color $75, 38.600, 324.504$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $85, 38.494, 141.409$, 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 $55, 39.055, 324.297$ is the 20% darker color. If you saturate the color by 10%, you get $70, 52.670, 324.994$, and if you desaturate by 10%, it is $80, 24.245, 323.989$.

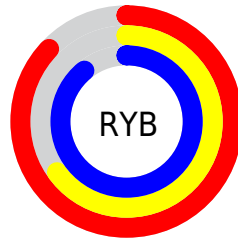
Distribution



Red (87%)

Green (65%)

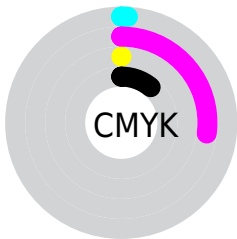
Blue (89%)



Red (87%)

Yellow (65%)

Blue (89%)

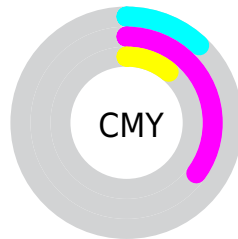


Cyan (1%)

Magenta (27%)

Yellow (0%)

Black (11%)



Cyan (12%)


Magenta (35%)


Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 38.600, 324.504 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, 38.600, 324.504 by changing the saturation by 10% instead.


 75, 38.600,
324.504

 75, 38.600,
324.504


 100, 38.600,
324.504


 65, 38.600,
324.504


 95, 38.600,
324.504

 55, 38.600,
324.504

 45, 38.600,
324.504

 35, 38.600,
324.504

 25, 38.600,
324.504

 15, 38.600,
324.504

 5, 38.600, 324.504

■ 0, 38.600, 324.504

■ 75, 38.600,
324.504

■ 75, 38.600,
324.504

■ 70, 52.670,
324.994

■ 80, 24.245,
323.989

■ 65, 66.071,
325.440

■ 86, 9.891, 323.455

■ 61, 78.302,
325.823

■ 92, 4.274, 143.033

■ 58, 88.789,
326.118

■ 97, 17.605,
142.466

■ 55, 96.977,
326.305

■ 97, 17.385,
141.425

■ 53, 102.486,
326.370

■ 98, 17.172,
140.355

■ 98, 16.964,

■ 52, 105.307,
326.311

139.255

■ 52, 105.884,
326.281

■ 98, 16.763,
138.126

■ 98, 16.568,
136.966

Harmonies

Complementary

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



75, 38.600, 324.504



85, 38.494, 141.409

Rectangle

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



75, 38.600, 324.504



75, 38.600, 14.504



75, 38.600, 144.504



75, 38.600, 194.504

Sweetspot

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



75, 38.598, 324.504



95, 12.540, 323.516



71, 31.710, 291.458



50, 8.920, 323.598



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, 38.598, 324.504



81, 50.392, 324.765



74, 28.798, 343.381



44, 8.031, 323.591



40, 87.714, 326.313



7, 35.892, 326.583

Inverse Universe

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



74, 24.079, 17.780



79, 32.043, 18.476



85, 28.064, 158.667



44, 4.732, 15.959



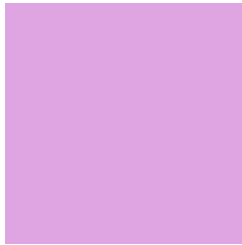
36, 77.030, 37.947



6, 25.430, 18.875

Previews

White Background



This preview shows how the CIELCh color 75, 38.600, 324.504 looks on a white background.

Color Contrast Check

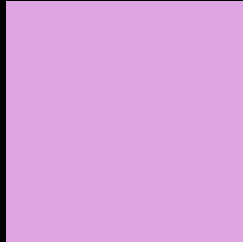
Large Text (above 18pt) WCAG AA × Fail

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, 38.600, 324.504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

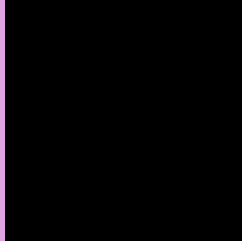
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 38.600, 324.504

Background



This preview shows how black text looks on a background with the CIELCh color 75, 38.600, 324.504.



This preview shows how white text looks on a background with the CIELCh color 75, 38.600, 324.504.

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, 18.418, 358.845

Trichromacy



Original Color
75, 38.600, 324.504



Protanomaly
75, 31.189, 300.312



Deuteranomaly
75, 27.792, 309.065



Tritanomaly
75, 24.813, 339.472

Monochromacy



Original Color
75, 38.600, 324.504



Achromatopsia
77, 0.009, 296.813



Achromatomaly
76, 14.157, 323.764

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 38.600, 324.504 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(223, 165, 226)` looks like.

```
.text, #text, p{  
    color:rgb(223, 165, 226)  
}
```

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(223, 165, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 165, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 38.600, 324.504 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(223, 165, 226) }
```

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

```
.border{ border-color:rgb(223, 165, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 165, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 165, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 165, 226);  
box-shadow:4px 4px 4px 4px rgb(223, 165,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 38.600, 324.504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 165, 226) }
```

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

```
.background{ background-color: rgb(223,  
165, 226) }
```

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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