

Converting Colors

CIELCh(75, 22.133, 343.622)

Have a look what the booklet for
CIELCh(75, 22.133, 343.622)
contains.

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Color

CIELCh(75, 22.618, 343.325)

Conversions

Conversions Part 1

Format	Color
Hex	DBABC5
RGB	219, 171, 197
RGB Percent	86%, 67%, 77%
CMY	0.1407, 0.3290, 0.2270
CMYK	0.00, 0.22, 0.10, 0.14
HSL	328°, 40%, 77%
HSV	328°, 22%, 86%
XYZ	53.9189, 48.2781, 59.3635
YIQ	188.3160, 20.2620, 18.2620

Conversions

Conversions Part 2

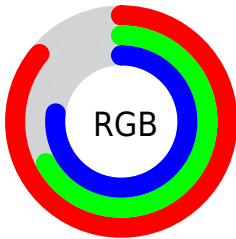
Format	Color
R_{YB}	219, 171, 197
Decimal	14396357
CIE _{Lab}	75.00, 21.67, -6.49
CIE _{LCh}	75, 22.618, 343.325
Yxy	48.2781, 0.3337, 0.2988
Android (android.graphics.Color)	4292586437 (0xFFDBABC5)
YUV	188.3160, 4.2812, 26.9099
Hunter-Lab	69.4824, 16.9229, -2.0177

Details

The CIELCh color **75, 22.618, 343.325** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **84, 22.118, 159.594**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 17.087, 326.007**, and **55, 22.964, 343.777** is the 20% darker color. If you saturate the color by 10%, you get **70, 33.057, 344.338**, and if you desaturate by 10%, it is **81, 12.187, 342.409**.

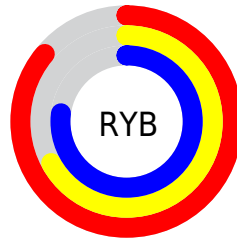
Distribution



Red (86%)

Green (67%)

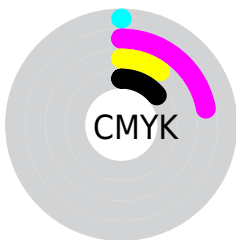
Blue (77%)



Red (86%)

Yellow (67%)

Blue (77%)

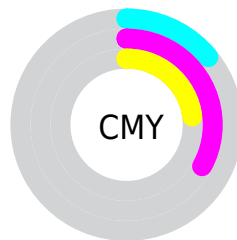


Cyan (0%)

Magenta (22%)

Yellow (10%)

Black (14%)



Cyan (14%)


Magenta (33%)


Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 22.618, 343.325 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, 22.618, 343.325 by changing the saturation by 10% instead.


 75, 22.618,
343.325


 75, 22.618,
343.325


 100, 22.618,
343.325


 65, 22.618,
343.325


 95, 22.618,
343.325

 55, 22.618,
343.325

 45, 22.618,
343.325

 35, 22.618,
343.325

 25, 22.618,
343.325

 15, 22.618,
343.325

 5, 22.618, 343.325

■ 0, 22.618, 343.325

■ 75, 22.618,
343.325

■ 75, 22.618,
343.325

■ 70, 33.057,
344.338

■ 81, 12.187,
342.409

■ 65, 43.257,
345.481

■ 86, 1.934, 341.409

■ 60, 52.848,
346.802

■ 92, 8.051, 160.928

■ 56, 61.353,
348.370

■ 97, 15.527,
162.801

■ 52, 68.232,
350.283

■ 97, 12.945,
180.956

■ 50, 73.011,
352.669

■ 98, 12.091,
198.698

■ 48, 75.478,
355.679

■ 47, 76.172,
358.578

Harmonies

Complementary

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



75, 22.618, 343.325



84, 22.118, 159.594

Rectangle

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



75, 22.618, 343.325



75, 22.618, 33.325



75, 22.618, 163.325



75, 22.618, 213.325

Sweetspot

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



75, 22.615, 343.327



95, 8.061, 341.979



73, 27.252, 308.405



50, 5.241, 342.034



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, 22.615, 343.327



83, 30.425, 343.749



74, 18.725, 17.114



43, 5.799, 342.191



37, 64.100, 357.911



6, 25.536, 351.532

Inverse Universe

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



75, 22.615, 343.327



83, 30.425, 343.749



84, 16.417, 193.834



43, 5.799, 342.191



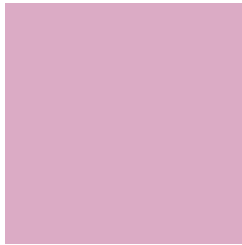
37, 64.100, 357.911



6, 25.536, 351.532

Previews

White Background



This preview shows how the CIELCh color 75, 22.618, 343.325 looks on a white background.

Color Contrast Check

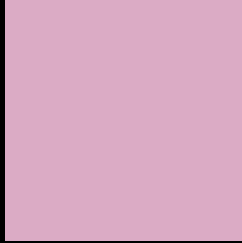
Large Text (above 18pt) WCAG AA × Fail

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, 22.618, 343.325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

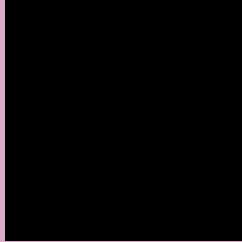
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 22.618, 343.325

Background



This preview shows how black text looks on a background with the CIELCh color 75, 22.618, 343.325.



This preview shows how white text looks on a background with the CIELCh color 75, 22.618, 343.325.

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, 22.618, 343.325

Protanopia

75, 11.349, 287.681

Deuteranopia

75, 11.581, 327.960



Tritanopia
75, 18.418, 358.845

Trichromacy



Original Color
75, 22.618, 343.325

Protanomaly
75, 13.779, 316.058

Deuteranomaly
75, 15.498, 336.685

Tritanomaly
75, 19.798, 352.007

Monochromacy



Original Color
75, 22.618, 343.325

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 7.989, 342.739

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 22.618, 343.325 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(219, 171, 197)` looks like.

```
.text, #text, p{  
    color:rgb(219, 171, 197)  
}
```

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(219, 171, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 171, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 22.618, 343.325 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(219, 171, 197) }
```

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

```
.border{ border-color:rgb(219, 171, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 171, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 171, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 171, 197);  
box-shadow:4px 4px 4px 4px rgb(219, 171,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 22.618, 343.325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 171, 197) }
```

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

```
.background{ background-color: rgb(219,  
171, 197) }
```

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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