

Converting Colors

CIELCh(75, 22.106, 344.778)

Have a look what the booklet for
CIELCh(75, 22.106, 344.778)
contains.

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Color

CIELCh(75, 22.316, 344.442)

Conversions

Conversions Part 1

Format	Color
Hex	DBABC4
RGB	219, 171, 196
RGB Percent	86%, 67%, 77%
CMY	0.1404, 0.3287, 0.2306
CMYK	0.00, 0.22, 0.10, 0.14
HSL	329°, 40%, 77%
HSV	329°, 22%, 86%
XYZ	53.8530, 48.2781, 58.8152
YIQ	188.2020, 20.5830, 17.9510

Conversions

Conversions Part 2

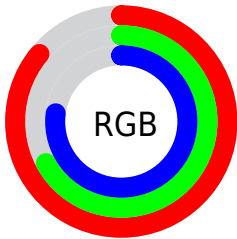
Format	Color
R_{YB}	219, 171, 196
Decimal	14396356
CIE Lab	75.00, 21.50, -5.99
CIE LCh	75, 22.316, 344.442
Yxy	48.2781, 0.3346, 0.3000
Android (android.graphics.Color)	4292586436 (0xFFDBABC4)
YUV	188.2020, 3.8444, 27.0098
Hunter-Lab	69.4824, 16.7538, -1.5498

Details

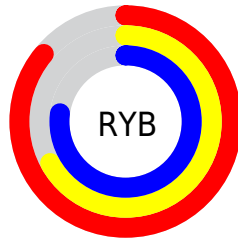
The CIELCh color $75, 22.316, 344.442$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $84, 21.768, 160.640$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 16.673, 327.032$, and $55, 22.652, 344.958$ is the 20% darker color. If you saturate the color by 10%, you get $70, 32.640, 345.487$, and if you desaturate by 10%, it is $81, 12.014, 343.502$.

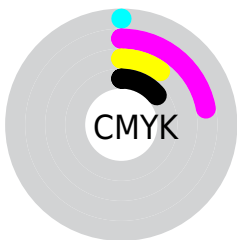
Distribution



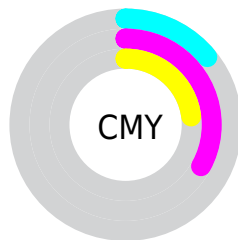
- Red (86%)
- Green (67%)
- Blue (77%)



- 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, 22.316, 344.442 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, 22.316, 344.442 by changing the saturation by 10% instead.

 75, 22.316,
344.442

 75, 22.316,
344.442


 100, 22.316,
344.442


 65, 22.316,
344.442


 95, 22.316,
344.442

 55, 22.316,
344.442

 45, 22.316,
344.442

 35, 22.316,
344.442

 25, 22.316,
344.442

 15, 22.316,
344.442

 5, 22.316, 344.442

■ 0, 22.316, 344.442

■ 75, 22.316,
344.442

■ 75, 22.316,
344.442

■ 70, 32.640,
345.487

■ 81, 12.014,
343.502

■ 65, 42.746,
346.672

■ 86, 1.901, 342.477

■ 60, 52.268,
348.052

■ 92, 7.938, 161.993

■ 56, 60.734,
349.700

■ 97, 15.215,
164.143

■ 52, 67.611,
351.721

■ 97, 12.682,
183.926

■ 50, 72.431,
354.255

■ 98, 12.064,
198.700

■ 48, 74.993,
357.458

■ 47, 75.810, 0.544

Harmonies

Complementary

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



75, 22.316, 344.442



84, 21.768, 160.640

Rectangle

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



75, 22.316, 344.442



75, 22.316, 34.442



75, 22.316, 164.442



75, 22.316, 214.442

Sweetspot

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



75, 22.313, 344.444



95, 7.946, 343.063



73, 27.327, 308.973



50, 5.167, 343.119



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, 22.313, 344.444



83, 30.026, 344.880



74, 18.736, 18.419



43, 5.717, 343.279



37, 63.753, 359.834



6, 25.290, 353.044

Inverse Universe

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



75, 22.313, 344.444



83, 30.026, 344.880



84, 16.351, 195.313



43, 5.717, 343.279



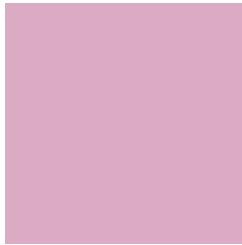
37, 63.753, 359.834



6, 25.290, 353.044

Previews

White Background



This preview shows how the CIELCh color 75, 22.316, 344.442 looks on a white background.

Color Contrast Check

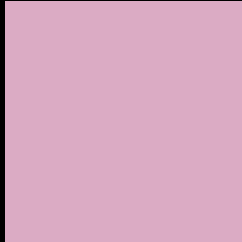
Large Text (above 18pt) WCAG AA × Fail

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, 22.316, 344.442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

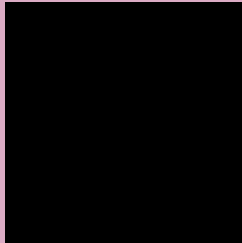
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 22.316, 344.442

Background



This preview shows how black text looks on a background with the CIELCh color 75, 22.316, 344.442.



This preview shows how white text looks on a background with the CIELCh color 75, 22.316, 344.442.

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, 22.316, 344.442

Protanopia

75, 10.800, 289.315

Deuteranopia

75, 11.162, 329.648



Tritanopia
75, 18.418, 358.845

Trichromacy



Original Color
75, 22.316, 344.442

Protanomaly
75, 13.457, 318.447

Deuteranomaly
75, 15.140, 338.169

Tritanomaly
75, 19.798, 352.007

Monochromacy



Original Color
75, 22.316, 344.442

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, 22.316, 344.442 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, 196)` looks like.

```
.text, #text, p{  
    color:rgb(219, 171, 196)  
}
```

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, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 171, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 22.316, 344.442 is called "border". The border property can be set on classes, ids or directly on the HTML element.

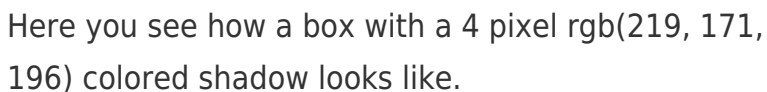
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(219, 171, 196) }
```

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

```
.border{ border-color:rgb(219, 171, 196) }
```

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, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 171, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 171, 196); box-shadow:4px 4px 4px 4px rgb(219, 171, 196) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 22.316, 344.442 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, 196) }
```

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

```
.background{ background-color: rgb(219,  
171, 196) }
```

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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