

Converting Colors

CIELCh(75, 20.517, 342.872)

Have a look what the booklet for
CIELCh(75, 20.517, 342.872)
contains.

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Color

CIELCh(75, 20.196, 343.491)

Conversions

Conversions Part 1

Format	Color
Hex	D8ADC4
RGB	216, 173, 196
RGB Percent	85%, 68%, 77%
CMY	0.1543, 0.3228, 0.2327
CMYK	0.00, 0.20, 0.09, 0.15
HSL	328°, 35%, 76%
HSV	328°, 20%, 85%
XYZ	53.0237, 48.2781, 58.5486
YIQ	188.4790, 18.2450, 16.2690

Conversions

Conversions Part 2

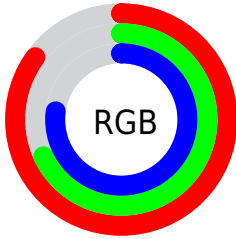
Format	Color
R _Y B	216, 173, 196
Decimal	14200260
CIE Lab	75.00, 19.36, -5.74
CIE LCh	75, 20.196, 343.491
Yxy	48.2781, 0.3317, 0.3020
Android (android.graphics.Color)	4292390340 (0xFFD8ADC4)
YUV	188.4790, 3.7079, 24.1359
Hunter-Lab	69.4824, 14.6232, -1.3224

Details

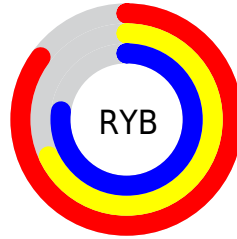
The CIELCh color $75, 20.196, 343.491$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $83, 19.773, 160.124$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 15.417, 327.148$, and $55, 20.426, 343.889$ is the 20% darker color. If you saturate the color by 10%, you get $70, 30.476, 344.491$, and if you desaturate by 10%, it is $81, 9.967, 342.582$.

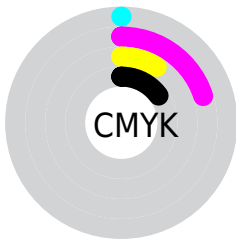
Distribution



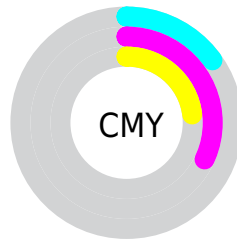
- Red (85%)
- Green (68%)
- Blue (77%)



- Red (85%)
- Yellow (68%)
- Blue (77%)



- Cyan (0%)
- Magenta (20%)
- Yellow (9%)
- Black (15%)





- Cyan (15%)
- Magenta (32%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 20.196, 343.491 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, 20.196, 343.491 by changing the saturation by 10% instead.


 75, 20.196,
343.491


 75, 20.196,
343.491


 100, 20.196,
343.491


 65, 20.196,
343.491


 95, 20.196,
343.491

 55, 20.196,
343.491

 45, 20.196,
343.491

 35, 20.196,
343.491

 25, 20.196,
343.491

 15, 20.196,
343.491

 5, 20.196, 343.491

0, 20.196, 343.491

75, 20.196,
343.491

75, 20.196,
343.491

70, 30.476,
344.491

81, 9.967, 342.582

65, 40.585,
345.616

86, 0.062, 168.502

92, 9.812, 161.117

60, 50.184,
346.913

97, 16.950,
162.959

56, 58.824,
348.447

97, 14.310,
179.344

52, 65.979,
350.311

97, 13.202,
198.624

50, 71.159,
352.630

■ 48, 74.084,
355.556

■ 47, 75.137,
359.141

■ 47, 75.143,
359.166

Harmonies

Complementary

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



75, 20.196, 343.491



83, 19.773, 160.124

Rectangle

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



75, 20.196, 343.491



75, 20.196, 33.491



75, 20.196, 163.491



75, 20.196, 213.491

Sweetspot

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



75, 20.193, 343.493



96, 6.870, 342.233



73, 24.404, 308.294



51, 4.560, 342.294



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, 20.193, 343.493



85, 27.937, 343.909



74, 16.699, 16.898



42, 5.662, 342.536



37, 63.291, 358.480



5, 23.910, 351.885

Inverse Universe

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



75, 20.193, 343.493



85, 27.937, 343.909



83, 14.831, 193.967



42, 5.662, 342.536



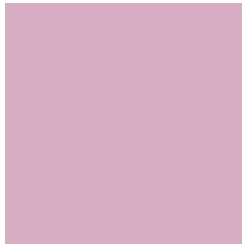
37, 63.291, 358.480



5, 23.910, 351.885

Previews

White Background



This preview shows how the CIELCh color 75, 20.196, 343.491 looks on a white background.

Color Contrast Check

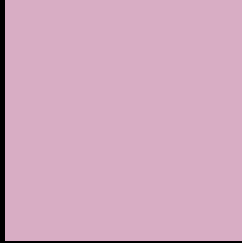
Large Text (above 18pt) WCAG AA × Fail

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, 20.196, 343.491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

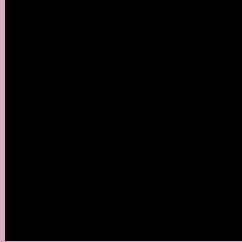
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 20.196, 343.491

Background



This preview shows how black text looks on a background with the CIELCh color 75, 20.196, 343.491.



This preview shows how white text looks on a background with the CIELCh color 75, 20.196, 343.491.

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, 17.189, 355.034

Trichromacy



Original Color
75, 20.196, 343.491

Protanomaly
75, 12.160, 317.703

Deuteranomaly
75, 13.961, 336.583

Tritanomaly
75, 17.878, 350.314

Monochromacy



Original Color
75, 20.196, 343.491

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 7.697, 341.010

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 20.196, 343.491 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(216, 173, 196)` looks like.

```
.text, #text, p{  
    color:rgb(216, 173, 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(216, 173, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 173, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 20.196, 343.491 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(216, 173, 196) }
```

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

```
.border{ border-color:rgb(216, 173, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 173, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 173, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 173, 196);  
box-shadow:4px 4px 4px 4px rgb(216, 173,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 20.196, 343.491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 173, 196) }
```

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

```
.background{ background-color: rgb(216,  
173, 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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