

Converting Colors

CIELCh(75, 12.356, 348.602)

Have a look what the booklet for
CIELCh(75, 12.356, 348.602)
contains.

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Color

CIELCh(75, 12.333, 348.894)

Conversions

Conversions Part 1

Format	Color
Hex	CDB1BD
RGB	205, 177, 189
RGB Percent	80%, 69%, 74%
CMY	0.1948, 0.3047, 0.2576
CMYK	0.00, 0.14, 0.08, 0.19
HSL	334°, 22%, 75%
HSV	334°, 14%, 81%
XYZ	50.2666, 48.2781, 54.9908
YIQ	186.7400, 12.8360, 9.6680

Conversions

Conversions Part 2

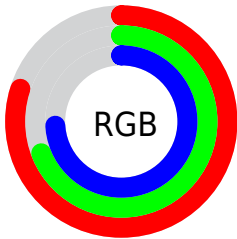
Format	Color
R_{YB}	205, 177, 189
Decimal	13480381
CIE _{Lab}	75.00, 12.10, -2.38
CIE _{LCh}	75, 12.333, 348.894
Yxy	48.2781, 0.3274, 0.3144
Android (android.graphics.Color)	4291670461 (0xFFCDB1BD)
YUV	186.7400, 1.1142, 16.0140
Hunter-Lab	69.4824, 7.5403, 1.7136

Details

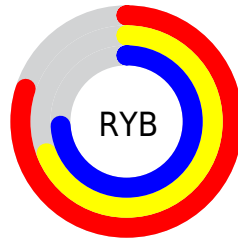
The CIELCh color $75, 12.333, 348.894$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $80, 12.041, 166.512$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 9.979, 341.929$, and $55, 12.769, 348.333$ is the 20% darker color. If you saturate the color by 10%, you get $70, 21.625, 349.958$, and if you desaturate by 10%, it is $80, 3.245, 347.873$.

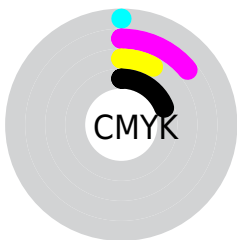
Distribution



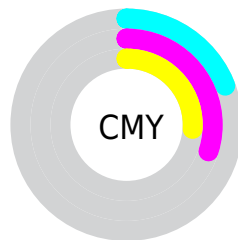
- Red (80%)
- Green (69%)
- Blue (74%)



- Red (80%)
- Yellow (69%)
- Blue (74%)



- Cyan (0%)
- Magenta (14%)
- Yellow (8%)
- Black (19%)





- Cyan (19%)
- Magenta (30%)
- Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 12.333, 348.894 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, 12.333, 348.894 by changing the saturation by 10% instead.


 75, 12.333,
348.894


 75, 12.333,
348.894


 100, 12.333,
348.894


 65, 12.333,
348.894


 95, 12.333,
348.894

 55, 12.333,
348.894

 45, 12.333,
348.894

 35, 12.333,
348.894

 25, 12.333,
348.894

 15, 12.333,
348.894

 5, 12.333, 348.894

0, 12.333, 348.894

75, 12.333,
348.894

75, 12.333,
348.894

70, 21.625,
349.958

80, 3.245, 347.873

86, 5.555, 167.258

65, 30.988,
351.163

92, 14.035,
166.458

60, 40.193,
352.569

96, 19.713,
168.997

55, 48.908,
354.251

97, 17.146,
186.210

51, 56.704,
356.314

97, 16.464,
198.412

48, 63.114,
358.899

■ 46, 67.762, 2.178

■ 44, 70.572, 6.314

■ 44, 71.793, 9.297

Harmonies

Complementary

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



75, 12.333, 348.894



80, 12.041, 166.512

Rectangle

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



75, 12.333, 348.894



75, 12.333, 38.894



75, 12.333, 168.894



75, 12.333, 218.894

Sweetspot

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



75, 12.331, 348.898



97, 4.254, 347.923



74, 16.269, 311.942



52, 3.026, 348.009



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, 12.331, 348.898



90, 17.304, 349.159



75, 10.078, 25.871



40, 5.071, 348.476



35, 61.188, 8.455



4, 19.293, 357.878

Inverse Universe

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



75, 12.331, 348.898



90, 17.304, 349.159



80, 9.217, 205.007



40, 5.071, 348.476



35, 61.188, 8.455



4, 19.293, 357.878

Previews

White Background



This preview shows how the CIELCh color 75, 12.333, 348.894 looks on a white background.

Color Contrast Check

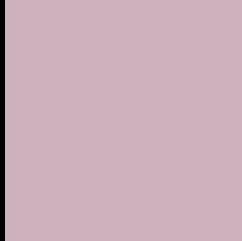
Large Text (above 18pt) WCAG AA × Fail

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, 12.333, 348.894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

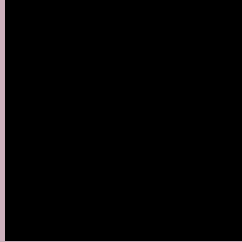
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 12.333, 348.894

Background



This preview shows how black text looks on a background with the CIELCh color 75, 12.333, 348.894.



This preview shows how white text looks on a background with the CIELCh color 75, 12.333, 348.894.

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, 12.333, 348.894

Protanopia

75, 4.929, 299.150

Deuteranopia

75, 9.849, 347.089



Tritanopia
75, 13.210, 345.780

Trichromacy



Original Color
75, 12.333, 348.894

Protanomaly
75, 6.788, 327.282

Deuteranomaly
75, 11.090, 348.077

Tritanomaly
75, 12.925, 347.764

Monochromacy



Original Color
75, 12.333, 348.894

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 4.922, 346.573

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 12.333, 348.894 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(205, 177, 189)` looks like.

```
.text, #text, p{  
    color:rgb(205, 177, 189)  
}
```

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(205, 177, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 177, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 12.333, 348.894 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(205, 177, 189) }
```

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

```
.border{ border-color:rgb(205, 177, 189) }
```

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

Here you see how a box with a 4 pixel rgb(205, 177, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 177, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 177, 189);  
box-shadow:4px 4px 4px 4px rgb(205, 177,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 12.333, 348.894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 177, 189) }
```

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

```
.background{ background-color: rgb(205,  
177, 189) }
```

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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