

Converting Colors

CIELCh(75, 12.158, 356.164)

Have a look what the booklet for
CIELCh(75, 12.158, 356.164)
contains.

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Color

CIELCh(75, 12.314, 357.345)

Conversions

Conversions Part 1

Format	Color
Hex	CFB1BA
RGB	207, 177, 186
RGB Percent	81%, 69%, 73%
CMY	0.1881, 0.3057, 0.2704
CMYK	0.00, 0.14, 0.10, 0.19
HSL	342°, 24%, 75%
HSV	342°, 14%, 81%
XYZ	50.3408, 48.2781, 53.1421
YIQ	186.9960, 14.9910, 9.1590

Conversions

Conversions Part 2

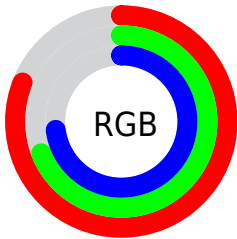
Format	Color
R _Y B	207, 177, 186
Decimal	13611450
CIE Lab	75.00, 12.30, -0.57
CIE LCh	75, 12.314, 357.345
Yxy	48.2781, 0.3317, 0.3181
Android (android.graphics.Color)	4291801530 (0xFFCFB1BA)
YUV	186.9960, -0.4910, 17.5435
Hunter-Lab	69.4824, 7.7308, 3.2911

Details

The CIELCh color $75, 12.314, 357.345$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $81, 11.812, 174.652$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 9.125, 349.585$, and $55, 12.374, 356.264$ is the 20% darker color. If you saturate the color by 10%, you get $70, 21.188, 358.539$, and if you desaturate by 10%, it is $81, 3.739, 356.248$.

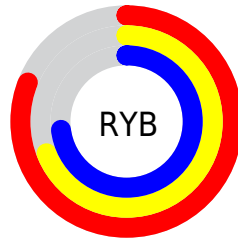
Distribution



Red (81%)

Green (69%)

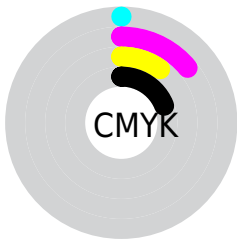
Blue (73%)



Red (81%)

Yellow (69%)

Blue (73%)

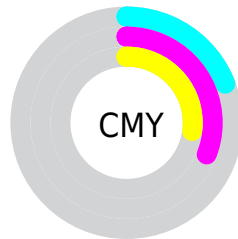


Cyan (0%)

Magenta (14%)

Yellow (10%)

Black (19%)



Cyan (19%)


Magenta (31%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 12.314, 357.345 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, 12.314, 357.345 by changing the saturation by 10% instead.


 75, 12.314,
357.345


 75, 12.314,
357.345


 100, 12.314,
357.345


 65, 12.314,
357.345


 95, 12.314,
357.345

 55, 12.314,
357.345

 45, 12.314,
357.345

 35, 12.314,
357.345

 25, 12.314,
357.345

 15, 12.314,
357.345

 5, 12.314, 357.345

0, 12.314, 357.345

75, 12.314,
357.345

75, 12.314,
357.345

70, 21.188,
358.539

81, 3.739, 356.248

86, 4.477, 175.603

64, 30.254,
359.929

92, 12.318,
174.747

59, 39.313, 1.600

97, 17.312,
179.336

55, 48.070, 3.653

51, 56.143, 6.227

97, 15.927,
198.447

48, 63.127, 9.487

46, 68.742, 13.599

■ 44, 73.016, 18.633

■ 44, 75.139, 21.601

Harmonies

Complementary

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



75, 12.314, 357.345



81, 11.812, 174.652

Rectangle

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



75, 12.314, 357.345



75, 12.314, 47.345



75, 12.314, 177.345



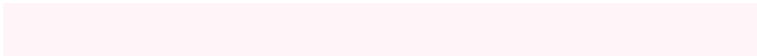
75, 12.314, 227.345

Sweetspot

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



75, 12.312, 357.351



97, 3.942, 356.193



75, 17.965, 316.333



51, 2.806, 356.288



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, 12.312, 357.351



89, 17.196, 357.658



76, 9.777, 39.182



41, 4.811, 356.798



35, 64.093, 20.684



4, 20.495, 5.559

Inverse Universe

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



75, 12.312, 357.351



89, 17.196, 357.658



79, 8.911, 220.004



41, 4.811, 356.798



35, 64.093, 20.684



4, 20.495, 5.559

Previews

White Background



This preview shows how the CIELCh color 75, 12.314, 357.345 looks on a white background.

Color Contrast Check

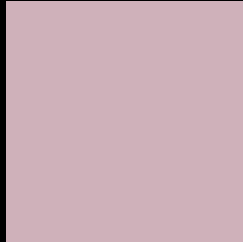
Large Text (above 18pt) WCAG AA × Fail

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, 12.314, 357.345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

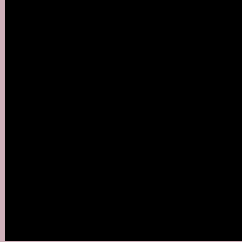
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 12.314, 357.345

Background



This preview shows how black text looks on a background with the CIELCh color 75, 12.314, 357.345.



This preview shows how white text looks on a background with the CIELCh color 75, 12.314, 357.345.

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, 12.314, 357.345

Protanopia

75, 3.441, 309.172

Deuteranopia

75, 9.445, 356.701



Tritanopia
75, 14.166, 348.534

Trichromacy



Original Color
75, 12.314, 357.345

Protanomaly
75, 6.507, 338.358

Deuteranomaly
75, 10.704, 356.618

Tritanomaly
75, 13.904, 350.438

Monochromacy



Original Color
75, 12.314, 357.345

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 4.651, 352.121

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 12.314, 357.345 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(207, 177, 186)` looks like.

```
.text, #text, p{  
    color:rgb(207, 177, 186)  
}
```

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(207, 177, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 177, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 12.314, 357.345 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(207, 177, 186) }
```

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

```
.border{ border-color:rgb(207, 177, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 177, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 177, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 177, 186);  
box-shadow:4px 4px 4px 4px rgb(207, 177,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 12.314, 357.345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 177, 186) }
```

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

```
.background{ background-color: rgb(207,  
177, 186) }
```

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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