

Converting Colors

CIELCh(75, 10.210, 334.252)

Have a look what the booklet for
CIELCh(75, 10.210, 334.252)
contains.

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Color

CIELCh(75, 10.357, 333.435)

Conversions

Conversions Part 1

Format	Color
Hex	C6B3C1
RGB	198, 179, 193
RGB Percent	78%, 70%, 76%
CMY	0.2223, 0.2968, 0.2419
CMYK	0.00, 0.10, 0.03, 0.22
HSL	316°, 14%, 74%
HSV	316°, 10%, 78%
XYZ	49.2154, 48.2781, 57.3609
YIQ	186.2770, 6.8300, 8.3820

Conversions

Conversions Part 2

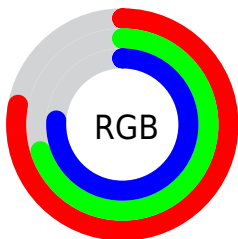
Format	Color
R_{YB}	198, 179, 193
Decimal	13022145
CIE Lab	75.00, 9.26, -4.63
CIE LCh	75, 10.357, 333.435
Yxy	48.2781, 0.3178, 0.3118
Android (android.graphics.Color)	4291212225 (0xFFC6B3C1)
YUV	186.2770, 3.3144, 10.2811
Hunter-Lab	69.4824, 4.8398, -0.3089

Details

The CIELCh color $75, 10.357, 333.435$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $78, 10.310, 152.221$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 10.113, 334.785$, and $55, 10.733, 332.067$ is the 20% darker color. If you saturate the color by 10%, you get $70, 21.281, 334.141$, and if you desaturate by 10%, it is $80, 0.440, 153.555$.

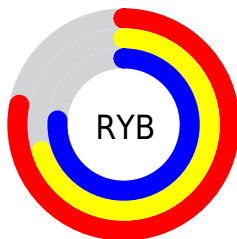
Distribution



Red (78%)

Green (70%)

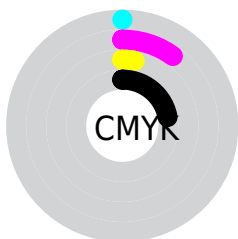
Blue (76%)



Red (78%)

Yellow (70%)

Blue (76%)

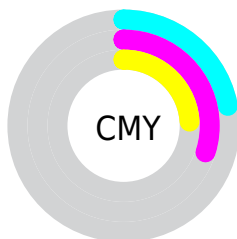


Cyan (0%)

Magenta (10%)

Yellow (3%)

Black (22%)



Cyan (22%)


Magenta (30%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 10.357, 333.435 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, 10.357, 333.435 by changing the saturation by 10% instead.


 75, 10.357,
333.435


 75, 10.357,
333.435


 100, 10.357,
333.435


 65, 10.357,
333.435


 95, 10.357,
333.435

 55, 10.357,
333.435

 45, 10.357,
333.435

 35, 10.357,
333.435

 25, 10.357,
333.435

 15, 10.357,
333.435

 5, 10.357, 333.435

0, 10.357, 333.435

75, 10.357,
333.435

75, 10.357,
333.435

70, 21.281,
334.141

80, 0.440, 153.555

65, 32.176,
334.872

86, 11.004,
152.227

60, 42.796,
335.643

91, 21.285,
151.628

56, 52.794,
336.464

95, 29.077,
151.806

53, 61.726,
337.352

95, 27.113,
155.551

49, 69.083,
338.334

96, 25.262,
159.837

47, 74.383,
339.450

96, 23.554,
164.748

45, 77.322,
340.756

96, 22.026,
170.359

44, 78.179,
342.282

96, 20.718,
176.719

Harmonies

Complementary

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



75, 10.357, 333.435



78, 10.310, 152.221

Rectangle

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



75, 10.357, 333.435



75, 10.357, 23.435



75, 10.357, 153.435



75, 10.357, 203.435

Sweetspot

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



75, 10.355, 333.437



98, 3.959, 332.939



74, 10.471, 300.527



52, 3.002, 333.012



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, 10.355, 333.437



93, 14.595, 333.548



75, 7.606, 0.364



39, 6.142, 333.423



36, 67.846, 342.092



4, 21.229, 338.392

Inverse Universe

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



75, 10.355, 333.437



93, 14.595, 333.548



78, 7.364, 178.712



39, 6.142, 333.423



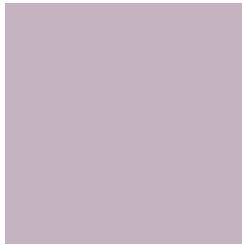
36, 67.846, 342.092



4, 21.229, 338.392

Previews

White Background



This preview shows how the CIELCh color 75, 10.357, 333.435 looks on a white background.

Color Contrast Check

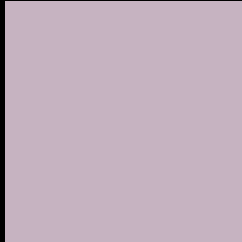
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 75, 10.357, 333.435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

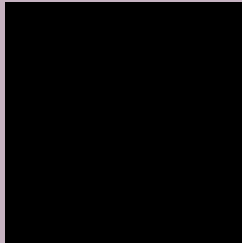
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 10.357, 333.435

Background



This preview shows how black text looks on a background with the CIELCh color 75, 10.357, 333.435.



This preview shows how white text looks on a background with the CIELCh color 75, 10.357, 333.435.

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, 10.357, 333.435

Protanopia

75, 6.499, 293.985

Deuteranopia

75, 10.613, 334.938



Tritanopia
75, 10.357, 333.435

Trichromacy



Original Color
75, 10.357, 333.435

Protanomaly
75, 7.645, 313.248

Deuteranomaly
75, 10.613, 334.938

Tritanomaly
75, 10.357, 333.435

Monochromacy



Original Color
75, 10.357, 333.435

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 3.764, 333.872

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 10.357, 333.435 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(198, 179, 193)` looks like.

```
.text, #text, p{  
    color:rgb(198, 179, 193)  
}
```

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(198, 179, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 179, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 10.357, 333.435 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(198, 179, 193) }
```

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

```
.border{ border-color:rgb(198, 179, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 179, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 179, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 179, 193);  
box-shadow:4px 4px 4px 4px rgb(198, 179,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 10.357, 333.435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 179, 193) }
```

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

```
.background{ background-color: rgb(198,  
179, 193) }
```

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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