

Converting Colors

CIELCh(75, 12.325, 339.535)

Have a look what the booklet for
CIELCh(75, 12.325, 339.535)
contains.

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Color

CIELCh(75, 12.337, 339.540)

Conversions

Conversions Part 1

Format	Color
Hex	CBB2C1
RGB	203, 178, 193
RGB Percent	80%, 70%, 76%
CMY	0.2047, 0.3027, 0.2439
CMYK	0.00, 0.12, 0.05, 0.20
HSL	324°, 19%, 75%
HSV	324°, 12%, 80%
XYZ	50.0643, 48.2781, 57.0214
YIQ	187.1850, 10.0850, 9.9650

Conversions

Conversions Part 2

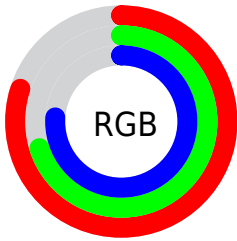
Format	Color
R _{YB}	203, 178, 193
Decimal	13349569
CIE Lab	75.00, 11.56, -4.31
CIE LCh	75, 12.337, 339.540
Yxy	48.2781, 0.3222, 0.3107
Android (android.graphics.Color)	4291539649 (0xFFCBB2C1)
YUV	187.1850, 2.8668, 13.8698
Hunter-Lab	69.4824, 7.0205, -0.0192

Details

The CIELCh color **75, 12.337, 339.540** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79, 12.213, 157.706**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 10.731, 334.236**, and **55, 12.796, 338.646** is the 20% darker color. If you saturate the color by 10%, you get **70, 22.499, 340.391**, and if you desaturate by 10%, it is **80, 2.306, 338.643**.

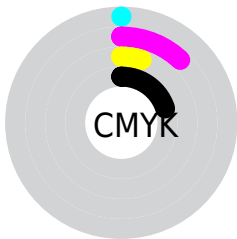
Distribution



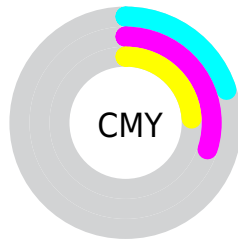
- Red (80%)
- Green (70%)
- Blue (76%)



- Red (80%)
- Yellow (70%)
- Blue (76%)



- Cyan (0%)
- Magenta (12%)
- Yellow (5%)
- Black (20%)





- Cyan (20%)
- Magenta (30%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 12.337, 339.540 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, 12.337, 339.540 by changing the saturation by 10% instead.


 75, 12.337,
339.540


 75, 12.337,
339.540


 100, 12.337,
339.540


 65, 12.337,
339.540


 95, 12.337,
339.540

 55, 12.337,
339.540

 45, 12.337,
339.540

 35, 12.337,
339.540

 25, 12.337,
339.540

 15, 12.337,
339.540

 5, 12.337, 339.540

■ 0, 12.337, 339.540

■ 75, 12.337,
339.540

■ 75, 12.337,
339.540

■ 70, 22.499,
340.391

■ 80, 2.306, 338.643

■ 86, 7.491, 158.146

■ 65, 32.636,
341.313

■ 91, 17.003,
157.458

■ 60, 42.492,
342.337

■ 96, 23.886,
158.355

■ 56, 51.711,
343.498

■ 96, 21.248,
166.640

■ 52, 59.834,
344.847

■ 96, 19.122,
176.944

■ 49, 66.347,
346.459

■ 96, 17.702,

■ 47, 70.796,
348.435

189.295

■ 45, 72.965,
350.899

■ 97, 17.240,
198.362

■ 44, 73.460,
353.118

Harmonies

Complementary

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



75, 12.337, 339.540



79, 12.213, 157.706

Rectangle

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



75, 12.337, 339.540



75, 12.337, 29.540



75, 12.337, 159.540



75, 12.337, 209.540

Sweetspot

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



75, 12.335, 339.542



97, 4.786, 338.841



74, 14.069, 306.127



52, 3.403, 338.913



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, 12.335, 339.542



90, 18.125, 339.781



75, 9.603, 12.149



40, 5.690, 339.302



36, 63.392, 352.623



4, 21.116, 347.142

Inverse Universe

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



75, 12.335, 339.542



90, 18.125, 339.781



80, 9.013, 190.262



40, 5.690, 339.302



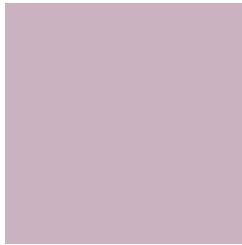
36, 63.392, 352.623



4, 21.116, 347.142

Previews

White Background



This preview shows how the CIELCh color 75, 12.337, 339.540 looks on a white background.

Color Contrast Check

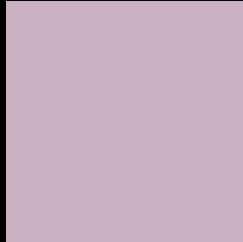
Large Text (above 18pt) WCAG AA × Fail

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, 12.337, 339.540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

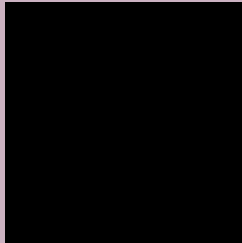
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 12.337, 339.540

Background



This preview shows how black text looks on a background with the CIELCh color 75, 12.337, 339.540.



This preview shows how white text looks on a background with the CIELCh color 75, 12.337, 339.540.

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, 12.337, 339.540

Protanopia

75, 6.499, 293.985

Deuteranopia

75, 10.613, 334.938



Tritanopia
75, 12.001, 341.501

Trichromacy



Original Color
75, 12.337, 339.540

Protanomaly
75, 7.795, 315.742

Deuteranomaly
75, 10.876, 336.374

Tritanomaly
75, 12.001, 341.501

Monochromacy



Original Color
75, 12.337, 339.540

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 4.314, 341.048

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 12.337, 339.540 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(203, 178, 193)` looks like.

```
.text, #text, p{  
    color:rgb(203, 178, 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(203, 178, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 178, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 12.337, 339.540 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(203, 178, 193) }
```

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

```
.border{ border-color:rgb(203, 178, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 178, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 178, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 178, 193);  
box-shadow:4px 4px 4px 4px rgb(203, 178,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 12.337, 339.540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 178, 193) }
```

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

```
.background{ background-color: rgb(203,  
178, 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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