

Converting Colors

CIELCh(75, 10.185, 356.971)

Have a look what the booklet for
CIELCh(75, 10.185, 356.971)
contains.

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Color

CIELCh(75, 10.357, 355.727)

Conversions

Conversions Part 1

Format	Color
Hex	CBB2BA
RGB	203, 178, 186
RGB Percent	80%, 70%, 73%
CMY	0.2026, 0.3006, 0.2693
CMYK	0.00, 0.12, 0.08, 0.20
HSL	341°, 19%, 75%
HSV	341°, 12%, 80%
XYZ	49.6080, 48.2781, 53.3461
YIQ	186.3870, 12.3320, 7.7880

Conversions

Conversions Part 2

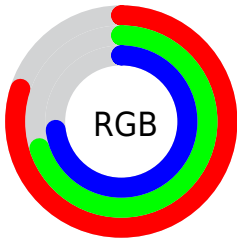
Format	Color
R _Y B	203, 178, 186
Decimal	13349562
CIE Lab	75.00, 10.33, -0.77
CIE LCh	75, 10.357, 355.727
Yxy	48.2781, 0.3280, 0.3192
Android (android.graphics.Color)	4291539642 (0xFFCBB2BA)
YUV	186.3870, -0.1908, 14.5696
Hunter-Lab	69.4824, 5.8483, 3.1170

Details

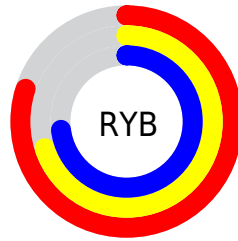
The CIELCh color $75, 10.357, 355.727$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $80, 10.021, 173.505$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 8.558, 351.299$, and $55, 10.665, 355.197$ is the 20% darker color. If you saturate the color by 10%, you get $70, 19.108, 356.874$, and if you desaturate by 10%, it is $81, 1.900, 354.555$.

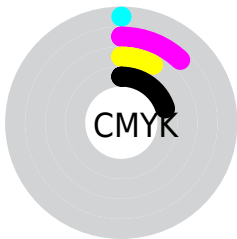
Distribution



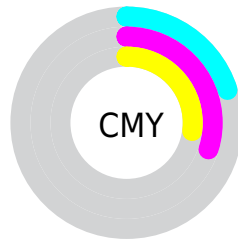
- Red (80%)
- Green (70%)
- Blue (73%)



- Red (80%)
- Yellow (70%)
- Blue (73%)



- Cyan (0%)
- Magenta (12%)
- Yellow (8%)
- Black (20%)





- Cyan (20%)
- Magenta (30%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 10.357, 355.727 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, 355.727 by changing the saturation by 10% instead.


 75, 10.357,
355.727


 75, 10.357,
355.727


 100, 10.357,
355.727


 65, 10.357,
355.727


 95, 10.357,
355.727

 55, 10.357,
355.727

 45, 10.357,
355.727

 35, 10.357,
355.727

 25, 10.357,
355.727

 15, 10.357,
355.727

 5, 10.357, 355.727

0, 10.357, 355.727

75, 10.357,
355.727

75, 10.357,
355.727

70, 19.108,
356.874

81, 1.900, 354.555

86, 6.209, 174.024

64, 28.057,
358.193

92, 13.958,
173.214

60, 37.022,
359.763

96, 18.926,
177.005

55, 45.728, 1.675

97, 17.075,
198.373

51, 53.805, 4.057

48, 60.840, 7.066

45, 66.501, 10.877

■ 44, 70.727, 15.611

■ 43, 73.414, 19.701

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, 355.727



80, 10.021, 173.505

Rectangle

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



75, 10.357, 355.727



75, 10.357, 45.727



75, 10.357, 175.727



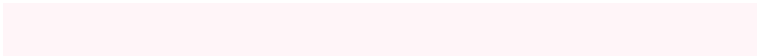
75, 10.357, 225.727

Sweetspot

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



75, 10.355, 355.733



97, 3.985, 354.826



75, 14.869, 315.170



51, 2.836, 354.920



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, 355.733



90, 15.260, 356.050



76, 8.274, 35.597



40, 4.762, 355.423



35, 62.804, 18.789



4, 18.639, 3.893

Inverse Universe

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



75, 10.355, 355.733



90, 15.260, 356.050



79, 7.643, 215.933



40, 4.762, 355.423



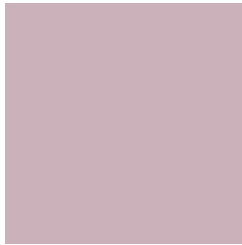
35, 62.804, 18.789



4, 18.639, 3.893

Previews

White Background



This preview shows how the CIELCh color 75, 10.357, 355.727 looks on a white background.

Color Contrast Check

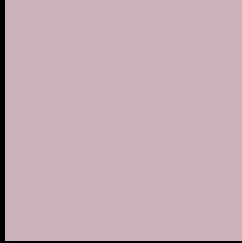
Large Text (above 18pt) WCAG AA × Fail

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, 10.357, 355.727 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, 355.727

Background



This preview shows how black text looks on a background with the CIELCh color 75, 10.357, 355.727.



This preview shows how white text looks on a background with the CIELCh color 75, 10.357, 355.727.

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, 355.727

Protanopia
75, 2.936, 312.542

Deuteranopia
75, 9.445, 356.701



Tritanopia
75, 11.981, 344.696

Trichromacy



Original Color
75, 10.357, 355.727

Protanomaly
75, 5.241, 341.654

Deuteranomaly
75, 9.445, 356.701

Tritanomaly
75, 11.410, 349.134

Monochromacy



Original Color
75, 10.357, 355.727

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 3.737, 353.995

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 10.357, 355.727 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, 186)` looks like.

```
.text, #text, p{  
    color:rgb(203, 178, 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(203, 178, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 178, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 10.357, 355.727 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, 186) }
```

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

```
.border{ border-color:rgb(203, 178, 186) }
```

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, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 178, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 178, 186);  
box-shadow:4px 4px 4px 4px rgb(203, 178,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 10.357, 355.727 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, 186) }
```

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

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