

Converting Colors

CIELCh(75, 10.753, 331.469)

Have a look what the booklet for
CIELCh(75, 10.753, 331.469)
contains.

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Color

CIELCh(75, 10.753, 331.469)

Conversions

Conversions Part 1

Format	Color
Hex	C6B3C2
RGB	198, 179, 194
RGB Percent	78%, 70%, 76%
CMY	0.2226, 0.2971, 0.2383
CMYK	0.00, 0.10, 0.02, 0.22
HSL	313°, 14%, 74%
HSV	313°, 10%, 78%
XYZ	49.2829, 48.2781, 57.8998
YIQ	186.3910, 6.5090, 8.6930

Conversions

Conversions Part 2

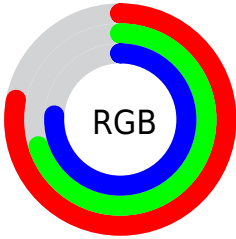
Format	Color
R _Y B	198, 179, 194
Decimal	13022146
CIE Lab	75.00, 9.45, -5.14
CIE LCh	75, 10.753, 331.469
Yxy	48.2781, 0.3170, 0.3105
Android (android.graphics.Color)	4291212226 (0xFFC6B3C2)
YUV	186.3910, 3.7512, 10.1811
Hunter-Lab	69.4824, 5.0133, -0.7687

Details

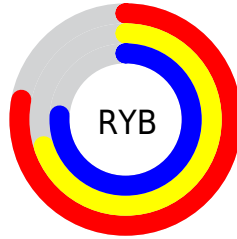
The CIELCh color $75, 10.753, 331.469$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $78, 10.715, 150.304$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 10.481, 332.816$, and $55, 10.733, 332.067$ is the 20% darker color. If you saturate the color by 10%, you get $70, 22.078, 332.133$, and if you desaturate by 10%, it is $80, 0.453, 151.561$.

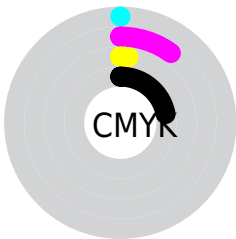
Distribution



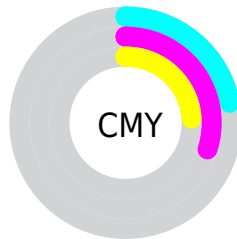
- Red (78%)
- Green (70%)
- Blue (76%)



- Red (78%)
- Yellow (70%)
- Blue (76%)



- Cyan (0%)
- Magenta (10%)
- Yellow (2%)
- Black (22%)





- Cyan (22%)
- Magenta (30%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 10.753, 331.469 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, 10.753, 331.469 by changing the saturation by 10% instead.


 75, 10.753,
331.469


 75, 10.753,
331.469


 100, 10.753,
331.469


 65, 10.753,
331.469


 95, 10.753,
331.469

 55, 10.753,
331.469

 45, 10.753,
331.469

 35, 10.753,
331.469

 25, 10.753,
331.469

 15, 10.753,
331.469

 5, 10.753, 331.469

0, 10.753, 331.469

75, 10.753,
331.469

75, 10.753,
331.469

70, 22.078,
332.133

80, 0.453, 151.561

65, 33.359,
332.812

85, 11.429,
150.311

61, 44.339,
333.513

91, 22.117,
149.732

56, 54.664,
334.242

95, 30.369,
149.741

53, 63.883,
335.004

95, 28.744,
152.462

50, 71.487,
335.815

95, 27.179,
155.486

■ 47, 76.999,
336.700

■ 96, 25.687,
158.855

■ 46, 80.125,
337.695

■ 96, 24.282,
162.610

■ 45, 81.143,
338.823

■ 96, 22.980,
166.793

Harmonies

Complementary

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



75, 10.753, 331.469



78, 10.715, 150.304

Rectangle

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



75, 10.753, 331.469



75, 10.753, 21.469



75, 10.753, 151.469



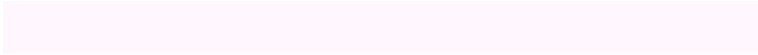
75, 10.753, 201.469

Sweetspot

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



75, 10.751, 331.470



98, 4.112, 330.998



74, 10.418, 298.673



52, 3.118, 331.068



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, 10.751, 331.470



92, 16.540, 331.642



75, 7.785, 356.808



39, 6.377, 331.457



37, 70.417, 338.687



4, 22.237, 335.553

Inverse Universe

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



75, 10.751, 331.470



92, 16.540, 331.642



78, 7.574, 175.143



39, 6.377, 331.457



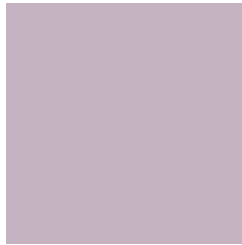
37, 70.417, 338.687



4, 22.237, 335.553

Previews

White Background



This preview shows how the CIELCh color 75, 10.753, 331.469 looks on a white background.

Color Contrast Check

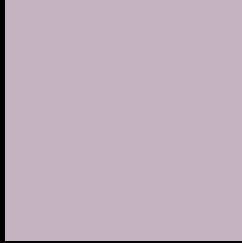
Large Text (above 18pt) WCAG AA × Fail

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, 10.753, 331.469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

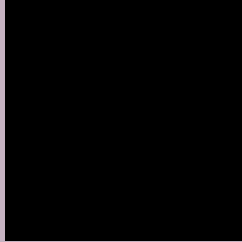
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 10.753, 331.469

Background



This preview shows how black text looks on a background with the CIELCh color 75, 10.753, 331.469.



This preview shows how white text looks on a background with the CIELCh color 75, 10.753, 331.469.

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, 10.753, 331.469

Protanopia

75, 7.023, 290.846

Deuteranopia

75, 10.753, 331.469



Tritanopia
75, 10.357, 333.435

Trichromacy



Original Color
75, 10.753, 331.469

Protanomaly
75, 8.020, 309.368

Deuteranomaly
75, 10.753, 331.469

Tritanomaly
75, 10.357, 333.435

Monochromacy



Original Color
75, 10.753, 331.469

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 4.169, 328.758

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 10.753, 331.469 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, 194)` looks like.

```
.text, #text, p{  
    color:rgb(198, 179, 194)  
}
```

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, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 179, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 10.753, 331.469 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, 194) }
```

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

```
.border{ border-color:rgb(198, 179, 194) }
```

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, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 179, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 179, 194);  
box-shadow:4px 4px 4px 4px rgb(198, 179,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 10.753, 331.469 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, 194) }
```

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

```
.background{ background-color: rgb(198,  
179, 194) }
```

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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