

Converting Colors

CIELCh(75, 10.630, 333.644)

Have a look what the booklet for
CIELCh(75, 10.630, 333.644)
contains.

CIELCh(75, 10.613, 334.938)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(75, 10.613, 334.938)

Conversions

Conversions Part 1

Format	Color
Hex	C7B3C1
RGB	199, 179, 193
RGB Percent	78%, 70%, 76%
CMY	0.2193, 0.2977, 0.2428
CMYK	0.00, 0.10, 0.03, 0.22
HSL	318°, 15%, 74%
HSV	318°, 10%, 78%
XYZ	49.3443, 48.2781, 57.2160
YIQ	186.5760, 7.4260, 8.5940

Conversions

Conversions Part 2

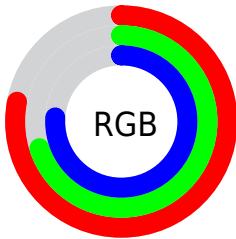
Format	Color
R _Y B	199, 179, 193
Decimal	13087681
CIE Lab	75.00, 9.61, -4.50
CIE LCh	75, 10.613, 334.938
Yxy	48.2781, 0.3187, 0.3118
Android (android.graphics.Color)	4291277761 (0xFFC7B3C1)
YUV	186.5760, 3.1670, 10.8958
Hunter-Lab	69.4824, 5.1710, -0.1852

Details

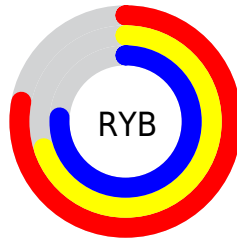
The CIELCh color $75, 10.613, 334.938$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $78, 10.555, 153.614$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 10.113, 334.785$, and $55, 10.995, 333.659$ is the 20% darker color. If you saturate the color by 10%, you get $70, 21.300, 335.677$, and if you desaturate by 10%, it is $80, 0.055, 328.160$.

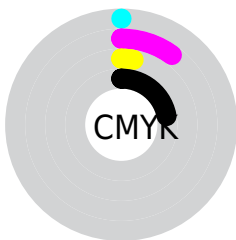
Distribution



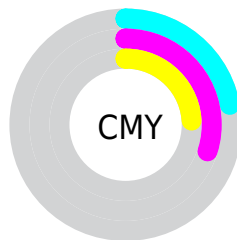
- Red (78%)
- Green (70%)
- Blue (76%)



- 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, 10.613, 334.938 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, 10.613, 334.938 by changing the saturation by 10% instead.


 75, 10.613,
334.938


 75, 10.613,
334.938


 100, 10.613,
334.938


 65, 10.613,
334.938


 95, 10.613,
334.938

 55, 10.613,
334.938

 45, 10.613,
334.938

 35, 10.613,
334.938

 25, 10.613,
334.938

 15, 10.613,
334.938

 5, 10.613, 334.938

0, 10.613, 334.938

75, 10.613,
334.938

75, 10.613,
334.938

70, 21.300,
335.677

80, 0.055, 328.160

65, 31.962,
336.451

86, 10.271,
153.687

60, 42.353,
337.279

91, 20.314,
153.069

56, 52.127,
338.177

95, 27.835,
153.392

52, 60.838,
339.168

96, 25.652,
158.050

49, 67.976,
340.290

96, 23.643,
163.502

47, 73.062,
341.597

96, 21.860,
169.871

45, 75.799,
343.160

96, 20.365,
177.240

44, 76.533,
345.001

96, 19.230,
185.601

Harmonies

Complementary

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



75, 10.613, 334.938



78, 10.555, 153.614

Rectangle

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



75, 10.613, 334.938



75, 10.613, 24.938



75, 10.613, 154.938



75, 10.613, 204.938

Sweetspot

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



75, 10.611, 334.940



98, 3.855, 334.387



74, 11.089, 302.394



52, 2.923, 334.464



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, 10.611, 334.940



92, 15.521, 335.095



75, 7.854, 4.127



39, 5.983, 334.891



36, 66.220, 344.684



4, 20.564, 340.581

Inverse Universe

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



75, 10.611, 334.940



92, 15.521, 335.095



79, 7.550, 182.427



39, 5.983, 334.891



36, 66.220, 344.684



4, 20.564, 340.581

Previews

White Background



This preview shows how the CIELCh color 75, 10.613, 334.938 looks on a white background.

Color Contrast Check

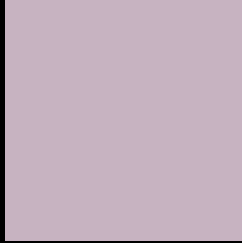
Large Text (above 18pt) WCAG AA × Fail

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, 10.613, 334.938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

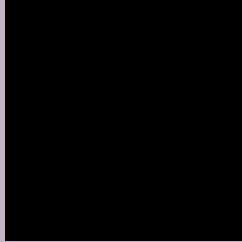
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 10.613, 334.938

Background



This preview shows how black text looks on a background with the CIELCh color 75, 10.613, 334.938.



This preview shows how white text looks on a background with the CIELCh color 75, 10.613, 334.938.

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, 10.613, 334.938

Protanopia
75, 6.499, 293.985

Deuteranopia
75, 10.613, 334.938



Tritanopia
75, 10.613, 334.938

Trichromacy



Original Color
75, 10.613, 334.938

Protanomaly
75, 7.645, 313.248

Deuteranomaly
75, 10.613, 334.938

Tritanomaly
75, 10.613, 334.938

Monochromacy



Original Color
75, 10.613, 334.938

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, 10.613, 334.938 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(199, 179, 193)` looks like.

```
.text, #text, p{  
    color:rgb(199, 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(199, 179, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 179, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 10.613, 334.938 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(199, 179, 193) }
```

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

```
.border{ border-color:rgb(199, 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(199, 179, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 179, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 179, 193);  
box-shadow:4px 4px 4px 4px rgb(199, 179,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 10.613, 334.938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 179, 193) }
```

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

```
.background{ background-color: rgb(199,  
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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