

Converting Colors

CIELCh(74, 12.152, 307.619)

Have a look what the booklet for
CIELCh(74, 12.152, 307.619)
contains.

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Color

CIELCh(74, 12.512, 307.976)

Conversions

Conversions Part 1

Format	Color
Hex	BCB2C8
RGB	188, 178, 200
RGB Percent	74%, 70%, 78%
CMY	0.2627, 0.3019, 0.2157
CMYK	0.06, 0.11, 0.00, 0.22
HSL	267°, 17%, 74%
HSV	267°, 11%, 78%
XYZ	47.0865, 46.7039, 61.1787
YIQ	183.4980, -1.1020, 8.9620

Conversions

Conversions Part 2

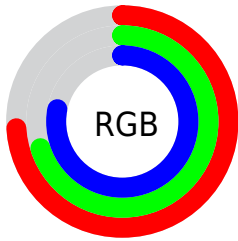
Format	Color
R_{YB}	188, 178, 200
Decimal	12366536
CIE Lab	74.00, 7.70, -9.86
CIE LCh	74, 12.512, 307.976
Yxy	46.7039, 0.3038, 0.3014
Android (android.graphics.Color)	4290556616 (0xFFBCB2C8)
YUV	183.4980, 8.1355, 3.9483
Hunter-Lab	68.3403, 3.3911, -5.2386

Details

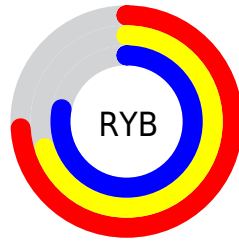
The CIELCh color $74, 12.512, 307.976$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $79, 12.301, 126.965$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 11.413, 308.600$, and $54, 12.766, 308.881$ is the 20% darker color. If you saturate the color by 10%, you get $68, 24.237, 308.501$, and if you desaturate by 10%, it is $80, 1.127, 307.417$.

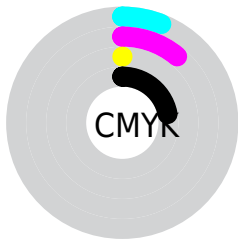
Distribution



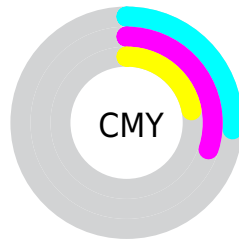
- Red (74%)
- Green (70%)
- Blue (78%)



- Red (74%)
- Yellow (70%)
- Blue (78%)



- Cyan (6%)
- Magenta (11%)
- Yellow (0%)
- Black (22%)





- Cyan (26%)
- Magenta (30%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 12.512, 307.976 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 74, 12.512, 307.976 by changing the saturation by 10% instead.


 74, 12.512,
307.976

 74, 12.512,
307.976


 100, 12.512,
307.976


 64, 12.512,
307.976


 94, 12.512,
307.976

 54, 12.512,
307.976

 44, 12.512,
307.976

 34, 12.512,
307.976

 24, 12.512,
307.976

 14, 12.512,
307.976

 4, 12.512, 307.976

■ 0, 12.512, 307.976

■ 74, 12.512,
307.976

■ 74, 12.512,
307.976

■ 68, 24.237,
308.501

■ 80, 1.127, 307.417

■ 86, 9.901, 127.095

■ 62, 36.266,
309.069

■ 92, 20.575,
126.715

■ 56, 48.506,
309.665

■ 97, 29.178,
125.332

■ 51, 60.780,
310.262

■ 98, 28.171,
117.579

■ 45, 72.771,
310.812

■ 99, 27.742,
109.264

■ 40, 83.959,
311.240

■ 99, 27.732,

■ 36, 93.584,
311.440

108.071

■ 33, 100.746,
311.284

■ 30, 105.003,
310.852

Harmonies

Complementary

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



74, 12.512, 307.976



79, 12.301, 126.965

Rectangle

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



74, 12.512, 307.976



74, 12.512, 357.976



74, 12.512, 127.976



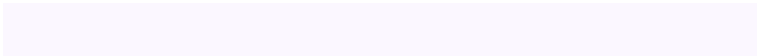
74, 12.512, 177.976

Sweetspot

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



74, 12.510, 307.974



98, 4.113, 307.571



76, 6.770, 251.239



52, 3.120, 307.615



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



74, 12.510, 307.974



90, 18.068, 308.086



75, 14.176, 323.646



39, 6.406, 307.892



24, 90.138, 311.016



2, 22.198, 304.317

Inverse Universe

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



75, 10.470, 342.123



92, 15.107, 342.315



79, 14.143, 142.507



39, 5.365, 341.981



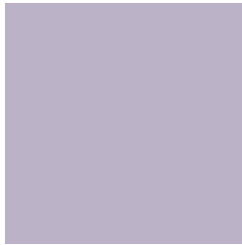
35, 61.405, 357.363



4, 18.339, 350.184

Previews

White Background



This preview shows how the CIELCh color 74, 12.512, 307.976 looks on a white background.

Color Contrast Check

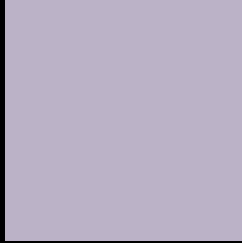
Large Text (above 18pt) WCAG AA × Fail

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 74, 12.512, 307.976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

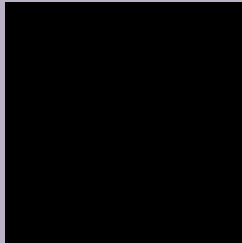
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 12.512, 307.976

Background



This preview shows how black text looks on a background with the CIELCh color 74, 12.512, 307.976.



This preview shows how white text looks on a background with the CIELCh color 74, 12.512, 307.976.

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

74, 12.512, 307.976

Protanopia

74, 11.384, 287.699

Deuteranopia

74, 13.518, 313.243



Tritanopia
74, 8.170, 311.810

Trichromacy



Original Color
74, 12.512, 307.976

Protanomaly
74, 11.417, 294.833

Deuteranomaly
74, 13.386, 311.794

Tritanomaly
74, 9.701, 308.420

Monochromacy



Original Color
74, 12.512, 307.976

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 4.485, 304.784

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 12.512, 307.976 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(188, 178, 200)` looks like.

```
.text, #text, p{  
    color:rgb(188, 178, 200)  
}
```

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(188, 178, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 178, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 12.512, 307.976 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(188, 178, 200) }
```

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

```
.border{ border-color:rgb(188, 178, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 178, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 178, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 178, 200);  
box-shadow:4px 4px 4px 4px rgb(188, 178,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 12.512, 307.976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 178, 200) }
```

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

```
.background{ background-color: rgb(188,  
178, 200) }
```

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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