

Converting Colors

CIELCh(74, 6.521, 313.896)

Have a look what the booklet for
CIELCh(74, 6.521, 313.896) contains.

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Color

CIELCh(74, 6.521, 313.896)

Conversions

Conversions Part 1

Format	Color
Hex	BBB4BF
RGB	187, 180, 191
RGB Percent	73%, 71%, 75%
CMY	0.2685, 0.2959, 0.2528
CMYK	0.02, 0.06, 0.00, 0.25
HSL	278°, 8%, 73%
HSV	278°, 6%, 75%
XYZ	45.9610, 46.7039, 55.6138
YIQ	183.3470, 0.6410, 4.9050

Conversions

Conversions Part 2

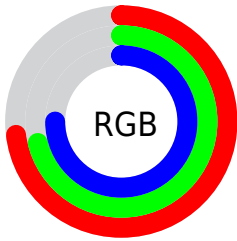
Format	Color
R_{YB}	187, 180, 191
Decimal	12301503
CIE _{Lab}	74.00, 4.52, -4.70
CIE _{LCh}	74, 6.521, 313.896
Yxy	46.7039, 0.3100, 0.3150
Android (android.graphics.Color)	4290491583 (0xFFBBB4BF)
YUV	183.3470, 3.7729, 3.2037
Hunter-Lab	68.3403, 0.4513, -0.4107

Details

The CIELCh color $74, 6.521, 313.896$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $76, 6.469, 133.469$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 6.206, 313.839$, and $54, 6.938, 313.986$ is the 20% darker color. If you saturate the color by 10%, you get $69, 18.020, 314.334$, and if you desaturate by 10%, it is $80, 4.703, 133.550$.

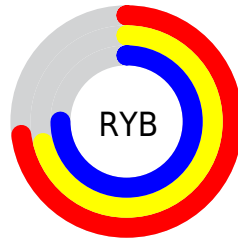
Distribution



Red (73%)

Green (71%)

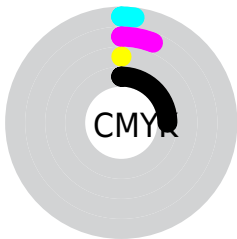
Blue (75%)



Red (73%)

Yellow (71%)

Blue (75%)

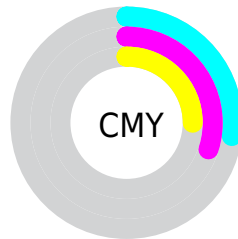


Cyan (2%)

Magenta (6%)

Yellow (0%)

Black (25%)



Cyan (27%)

Magenta (30%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 6.521, 313.896 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, 6.521, 313.896 by changing the saturation by 10% instead.

■ 74, 6.521, 313.896

■ 74, 6.521, 313.896

■ 100, 6.521,
313.896

■ 64, 6.521, 313.896

■ 94, 6.521, 313.896

■ 54, 6.521, 313.896

■ 44, 6.521, 313.896

■ 34, 6.521, 313.896

■ 24, 6.521, 313.896

■ 14, 6.521, 313.896

■ 4, 6.521, 313.896

■ 0, 6.521, 313.896

■ 74, 6.521, 313.896

■ 74, 6.521, 313.896

69, 18.020,
314.334

80, 4.703, 133.550

63, 29.739,
314.781

85, 15.615,
133.158

58, 41.565,
315.228

91, 26.208,
132.819

53, 53.307,
315.651

96, 36.038,
132.388

48, 64.667,
316.016

96, 35.001,
128.756

44, 75.205,
316.270

97, 34.112,
124.853

40, 84.335,
316.347

97, 33.393,
120.698

37, 91.401,
316.168

98, 32.864,
116.325

34, 95.903,

98, 32.544,
111.786

315.663

Harmonies

Complementary

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



74, 6.521, 313.896



76, 6.469, 133.469

Rectangle

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



74, 6.521, 313.896



74, 6.521, 3.896



74, 6.521, 133.896



74, 6.521, 183.896

Sweetspot

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



74, 6.519, 313.893



96, 2.787, 313.696



75, 4.019, 269.166



52, 1.598, 313.688



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



74, 6.519, 313.893



93, 9.792, 313.953



74, 6.601, 328.601



38, 5.093, 313.969



27, 84.744, 315.556



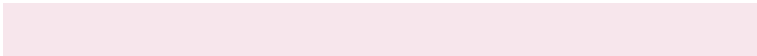
2, 18.592, 309.998

Inverse Universe

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



74, 4.664, 352.124



93, 7.011, 352.268



76, 6.582, 148.003



38, 3.647, 352.307



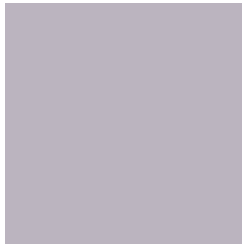
33, 59.713, 14.448



3, 13.109, 359.320

Previews

White Background



This preview shows how the CIELCh color 74, 6.521, 313.896 looks on a white background.

Color Contrast Check

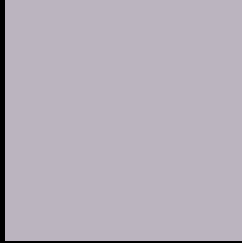
Large Text (above 18pt) WCAG AA × Fail

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 74, 6.521, 313.896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

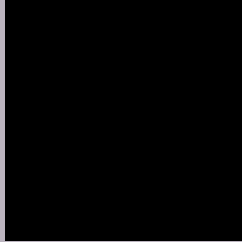
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 6.521, 313.896

Background



This preview shows how black text looks on a background with the CIELCh color 74, 6.521, 313.896.

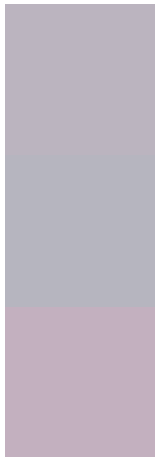


This preview shows how white text looks on a background with the CIELCh color 74, 6.521, 313.896.

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, 6.521, 313.896

Protanopia

74, 5.438, 294.544

Deuteranopia

74, 10.785, 331.478



Tritanopia
74, 8.170, 311.810

Trichromacy



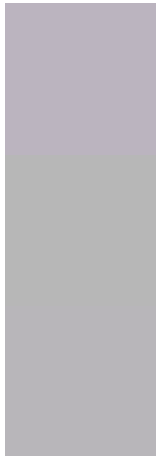
Original Color
74, 6.521, 313.896

Protanomaly
74, 6.162, 304.457

Deuteranomaly
74, 9.434, 326.695

Tritanomaly
74, 7.668, 313.253

Monochromacy



Original Color
74, 6.521, 313.896

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 2.303, 309.112

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 6.521, 313.896 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(187, 180, 191)` looks like.

```
.text, #text, p{  
    color:rgb(187, 180, 191)  
}
```

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(187, 180, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 180, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 6.521, 313.896 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(187, 180, 191) }
```

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

```
.border{ border-color:rgb(187, 180, 191) }
```

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

Here you see how a box with a 4 pixel rgb(187, 180, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 180, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 180, 191);  
box-shadow:4px 4px 4px 4px rgb(187, 180,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 6.521, 313.896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 180, 191) }
```

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

```
.background{ background-color: rgb(187,  
180, 191) }
```

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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