

Converting Colors

CIELCh(74, 0.009, 166.813)

Have a look what the booklet for
CIELCh(74, 0.009, 166.813) contains.

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Color

CIELCh(74, 0.009, 296.813)

Conversions

Conversions Part 1

Format	Color
Hex	B6B6B6
RGB	182, 182, 182
RGB Percent	71%, 71%, 71%
CMY	0.2868, 0.2868, 0.2868
CMYK	0.00, 0.00, 0.00, 0.29
HSL	120°, 0%, 71%
HSV	120°, 0%, 71%
XYZ	44.3921, 46.7039, 50.8606
YIQ	182.0000, -0.0000, -0.0000

Conversions

Conversions Part 2

Format	Color
RYB	182, 182, 182
Decimal	11974326
CIELab	74.00, 0.00, -0.01
CIELCh	74, 0.009, 296.813
Yxy	46.7039, 0.3127, 0.3290
Android (android.graphics.Color)	4290164406 (0xFFB6B6B6)
YUV	182.0000, 0.0000, 0.0000
Hunter-Lab	68.3403, -3.6465, 3.7131

Details

The CIELCh color $74, 0.009, 296.813$ is a light color, and the **websafe** version is hex `CCCCCC`. A complement of this color would be $74, 0.011, 301.955$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 0.011, 296.813$, and $54, 0.007, 296.813$ is the 20% darker color. If you saturate the color by 10%, you get $72, 12.082, 143.911$, and if you desaturate by 10%, it is $76, 11.877, 324.950$.

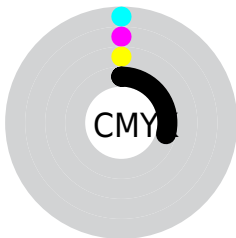
Distribution



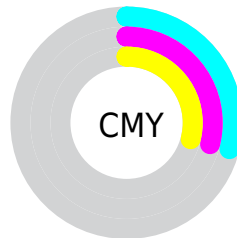
- Red (71%)
- Green (71%)
- Blue (71%)



- Red (71%)
- Yellow (71%)
- Blue (71%)



- Cyan (0%)
- Magenta (0%)
- Yellow (0%)
- Black (29%)



- Cyan (29%)
- Magenta (29%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 0.009, 296.813 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, 0.009, 296.813 by changing the saturation by 10% instead.

74, 0.009, 296.813
84, 0.009, 296.813
94, 0.009, 296.813
100, 0.009, 296.813

74, 0.009, 296.813
64, 0.009, 296.813
54, 0.009, 296.813
44, 0.009, 296.813
34, 0.009, 296.813
24, 0.009, 296.813
14, 0.009, 296.813
4, 0.009, 296.813
0, 0.009, 296.813

74, 0.009, 296.813
72, 12.082, 143.911
71, 24.268, 143.213
69, 36.382, 142.406
68, 48.199, 141.479
67, 59.423, 140.440
66, 69.691, 139.324

74, 0.009, 296.813
76, 11.877, 324.950
78, 23.451, 325.379
80, 34.682, 325.737
83, 45.545, 326.039
83, 45.808, 326.010

■ 65, 78.567, 138.204

■ 65, 85.572, 137.203

■ 65, 90.281, 136.463

Harmonies

Complementary

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



74, 0.009, 296.813



74, 0.011, 301.955

Rectangle

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



74, 0.009, 296.813



74, 0.009, 346.813



74, 0.009, 116.813



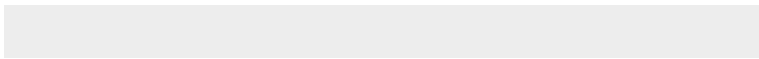
74, 0.009, 166.813

Sweetspot

The sweet spot groups the original color and five complimentary colors.



74, 0.007, 289.009



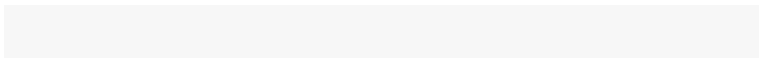
94, 0.011, 296.813



74, 0.007, 298.381



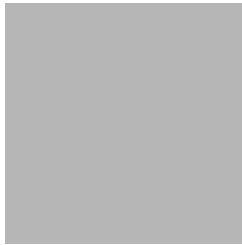
50, 0.007, 296.813



97, 0.011, 296.813

Previews

White Background



This preview shows how the CIELCh color 74, 0.009, 296.813 looks on a white background.

Color Contrast Check

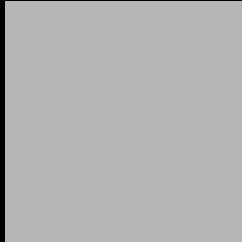
Large Text (above 18pt) WCAG AA × Fail

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, 0.009, 296.813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

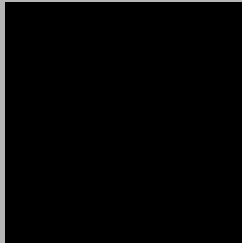
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

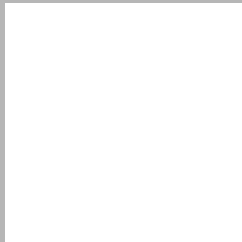
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 0.009, 296.813

Background



This preview shows how black text looks on a background with the CIELCh color 74, 0.009, 296.813.

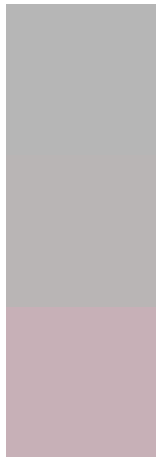


This preview shows how white text looks on a background with the CIELCh color 74, 0.009, 296.813.

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, 0.009, 296.813

Protanopia

74, 1.496, 19.187

Deuteranopia

74, 9.475, 356.719



Tritanopia
74, 7.749, 301.688

Trichromacy



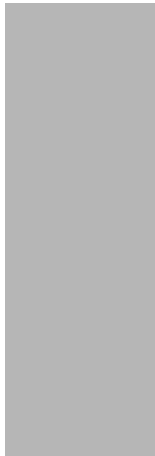
Original Color
74, 0.009, 296.813

Protanomaly
74, 1.121, 19.041

Deuteranomaly
74, 6.263, 354.339

Tritanomaly
74, 4.944, 299.154

Monochromacy



Original Color
74, 0.009, 296.813

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 0.009, 296.813

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 0.009, 296.813 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(182, 182, 182)` looks like.

```
.text, #text, p{  
    color:rgb(182, 182, 182)  
}
```

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(182, 182, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 182, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 0.009, 296.813 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(182, 182, 182) }
```

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

```
.border{ border-color:rgb(182, 182, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 182, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 182, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 182, 182);  
box-shadow:4px 4px 4px 4px rgb(182, 182,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 0.009, 296.813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 182, 182) }
```

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

```
.background{ background-color: rgb(182,  
182, 182) }
```

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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