

Converting Colors

CIELCh(74, 1.531, 116.121)

Have a look what the booklet for
CIELCh(74, 1.531, 116.121) contains.

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Color

CIELCh(74, 1.612, 109.986)

Conversions

Conversions Part 1

Format	Color
Hex	B6B6B3
RGB	182, 182, 179
RGB Percent	71%, 71%, 70%
CMY	0.2859, 0.2859, 0.2977
CMYK	0.00, 0.00, 0.02, 0.29
HSL	60°, 2%, 71%
HSV	60°, 2%, 71%
XYZ	44.2018, 46.7039, 49.3778
YIQ	181.6580, 0.9630, -0.9330

Conversions

Conversions Part 2

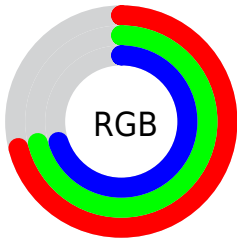
Format	Color
RYB	179, 182, 179
Decimal	11974323
CIELab	74.00, -0.55, 1.51
CIELCh	74, 1.612, 109.986
Yxy	46.7039, 0.3151, 0.3329
Android (android.graphics.Color)	4290164403 (0xFFB6B6B3)
YUV	181.6580, -1.3104, 0.2999
Hunter-Lab	68.3403, -4.1434, 4.9995

Details

The CIELCh color $74, 1.612, 109.986$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $73, 1.637, 290.415$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 1.531, 110.010$, and $54, 1.720, 109.938$ is the 20% darker color. If you saturate the color by 10%, you get $74, 11.433, 109.110$, and if you desaturate by 10%, it is $75, 8.229, 291.005$.

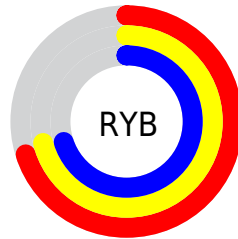
Distribution



Red (71%)

Green (71%)

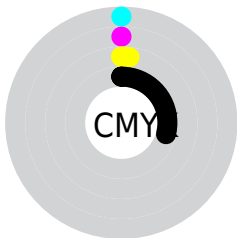
Blue (70%)



Red (70%)

Yellow (71%)

Blue (70%)

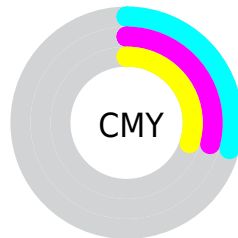


Cyan (0%)

Magenta (0%)

Yellow (2%)

Black (29%)



Cyan (29%)

Magenta (29%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 1.612, 109.986 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, 1.612, 109.986 by changing the saturation by 10% instead.

■ 74, 1.612, 109.986

■ 74, 1.612, 109.986

■ 100, 1.612,
109.986

■ 64, 1.612, 109.986

■ 94, 1.612, 109.986

■ 54, 1.612, 109.986

■ 44, 1.612, 109.986

■ 34, 1.612, 109.986

■ 24, 1.612, 109.986

■ 14, 1.612, 109.986

■ 4, 1.612, 109.986

■ 0, 1.612, 109.986

■ 74, 1.612, 109.986

■ 74, 1.612, 109.986

74, 11.433,
109.110

75, 8.229, 291.005

73, 21.179,
108.154

75, 18.064,
291.904

73, 30.778,
107.202

76, 27.866,
292.772

73, 40.115,
106.276

76, 37.621,
293.601

72, 49.009,
105.400

76, 39.264,
293.745

72, 57.195,
104.605

76, 39.264,
293.754

72, 64.298,
103.928

76, 39.264,
293.763

72, 69.862,
103.408

76, 39.265,
293.772

72, 73.488,

76, 39.265,
293.781

Harmonies

Complementary

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



74, 1.612, 109.986



73, 1.637, 290.415

Rectangle

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



74, 1.612, 109.986



74, 1.612, 159.986



74, 1.612, 289.986



74, 1.612, 339.986

Sweetspot

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



74, 1.614, 110.030



94, 0.011, 296.813



73, 1.124, 19.047



50, 0.007, 296.813



97, 0.011, 296.813

Same Dimension

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



74, 1.614, 110.030



94, 2.428, 110.000



74, 1.715, 129.063



39, 1.117, 110.013



62, 66.993, 102.920



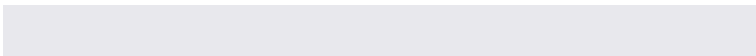
10, 15.133, 108.910

Inverse Universe

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



73, 1.637, 290.415



92, 2.460, 290.445



73, 1.736, 309.076



38, 1.132, 290.432



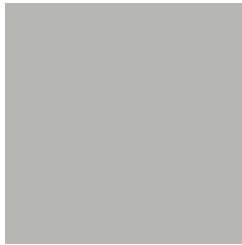
17, 92.498, 306.291



1, 15.385, 290.329

Previews

White Background



This preview shows how the CIELCh color 74, 1.612, 109.986 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, 1.612, 109.986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

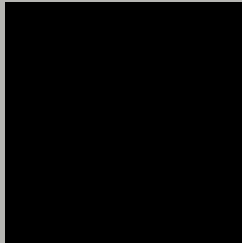
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

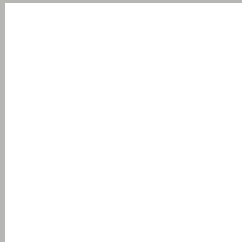
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 1.612, 109.986

Background



This preview shows how black text looks on a background with the CIELCh color 74, 1.612, 109.986.



This preview shows how white text looks on a background with the CIELCh color 74, 1.612, 109.986.

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, 1.612, 109.986

Protanopia

74, 2.468, 60.272

Deuteranopia

74, 9.370, 6.886



Tritanopia
74, 7.749, 301.688

Trichromacy



Original Color

74, 1.612, 109.986

Protanomaly

74, 2.195, 66.724

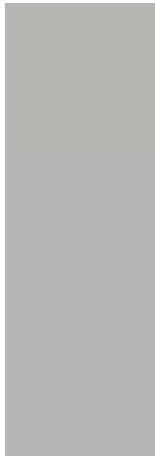
Deuteranomaly

74, 5.772, 9.044

Tritanomaly

74, 4.410, 300.166

Monochromacy



Original Color

74, 1.612, 109.986

Achromatopsia

74, 0.009, 296.813

Achromatomaly

74, 0.531, 110.014

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 1.612, 109.986 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, 179)` looks like.

```
.text, #text, p{  
    color:rgb(182, 182, 179)  
}
```

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, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 182, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 1.612, 109.986 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, 179) }
```

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

```
.border{ border-color:rgb(182, 182, 179) }
```

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, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 182, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 182, 179);  
box-shadow:4px 4px 4px 4px rgb(182, 182,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 1.612, 109.986 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, 179) }
```

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

```
.background{ background-color: rgb(182,  
182, 179) }
```

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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