

Converting Colors

CIE LCh(74, 2.112, 199.167)

Have a look what the booklet for
CIELCh(74, 2.112, 199.167) contains.

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Color

CIELCh(74, 2.211, 199.459)

Conversions

Conversions Part 1

Format	Color
Hex	B1B7B7
RGB	177, 183, 183
RGB Percent	69%, 72%, 72%
CMY	0.3054, 0.2818, 0.2819
CMYK	0.03, 0.00, 0.00, 0.28
HSL	180°, 4%, 71%
HSV	180°, 3%, 72%
XYZ	43.6789, 46.7039, 51.5802
YIQ	181.2060, -3.5760, -1.2720

Conversions

Conversions Part 2

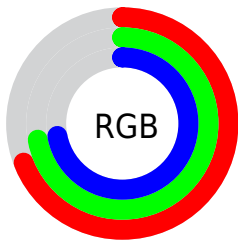
Format	Color
R_YB	177, 180, 183
Decimal	11646903
CIE _{Lab}	74.00, -2.08, -0.74
CIE _{LCh}	74, 2.211, 199.459
Yxy	46.7039, 0.3077, 0.3290
Android (android.graphics.Color)	4289836983 (0xFFB1B7B7)
YUV	181.2060, 0.8844, -3.6887
Hunter-Lab	68.3403, -5.5093, 3.0887

Details

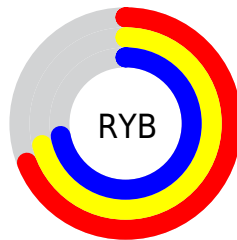
The CIELCh color `74, 2.211, 199.459` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `73, 2.259, 19.330`, and the grayscale version is `74, 0.009, 296.813`.

A 20% lighter version of the original color is `94, 2.106, 199.565`, and `54, 2.348, 199.331` is the 20% darker color. If you saturate the color by 10%, you get `73, 8.744, 198.713`, and if you desaturate by 10%, it is `75, 4.628, 19.633`.

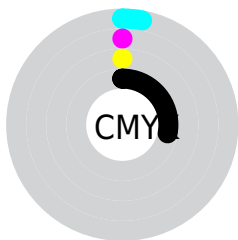
Distribution



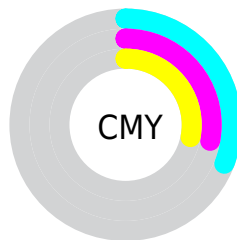
- Red (69%)
- Green (72%)
- Blue (72%)



- Red (69%)
- Yellow (71%)
- Blue (72%)



- Cyan (3%)
- Magenta (0%)
- Yellow (0%)
- Black (28%)



- Cyan (31%)
- Magenta (28%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 2.211, 199.459 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, 2.211, 199.459 by changing the saturation by 10% instead.

■ 74, 2.211, 199.459

■ 74, 2.211, 199.459

■ 100, 2.211,
199.459

■ 64, 2.211, 199.459

■ 94, 2.211, 199.459

■ 54, 2.211, 199.459

■ 44, 2.211, 199.459

■ 34, 2.211, 199.459

■ 24, 2.211, 199.459

■ 14, 2.211, 199.459

■ 4, 2.211, 199.459

■ 0, 2.211, 199.459

■ 74, 2.211, 199.459

■ 74, 2.211, 199.459

73, 8.744, 198.713

75, 4.628, 19.633

72, 14.868,
198.201

77, 11.688, 20.286

71, 20.476,
197.751

79, 18.893, 20.908

70, 25.463,
197.360

81, 26.179, 21.531

69, 29.731,
197.030

81, 28.025, 21.672

68, 33.206,
196.765

81, 28.025, 21.662

68, 35.846,
196.564

81, 28.023, 21.643

68, 37.653,
196.425

68, 38.687,
196.344

Harmonies

Complementary

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



74, 2.211, 199.459



73, 2.259, 19.330

Rectangle

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



74, 2.211, 199.459



74, 2.211, 249.459



74, 2.211, 19.459



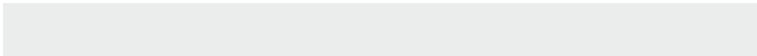
74, 2.211, 69.459

Sweetspot

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



74, 2.212, 199.417



94, 0.836, 200.058



74, 3.940, 143.882



50, 0.479, 200.102



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



74, 2.212, 199.417



93, 3.324, 199.329



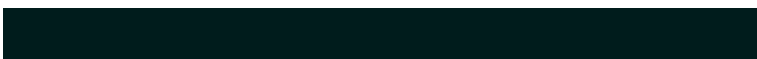
73, 1.936, 254.168



39, 1.910, 199.272



58, 34.656, 196.310



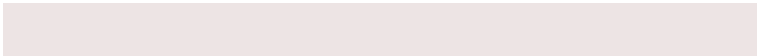
8, 10.520, 197.681

Inverse Universe

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



73, 2.259, 19.330



91, 3.410, 19.423



73, 1.940, 73.024



37, 1.966, 19.485



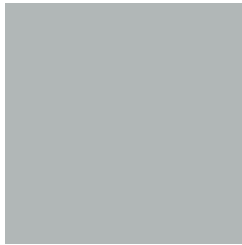
32, 71.851, 39.579



2, 10.638, 19.374

Previews

White Background



This preview shows how the CIE LCh color 74, 2.211, 199.459 looks on a white background.

Color Contrast Check

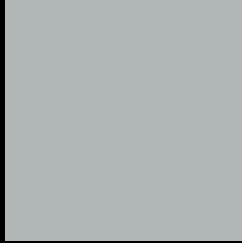
Large Text (above 18pt) WCAG AA × Fail

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, 2.211, 199.459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

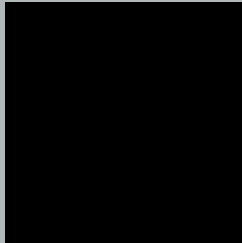
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

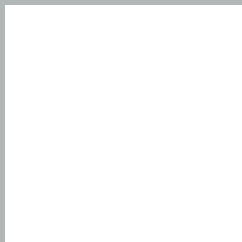
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 2.211, 199.459

Background



This preview shows how black text looks on a background with the CIELCh color 74, 2.211, 199.459.



This preview shows how white text looks on a background with the CIELCh color 74, 2.211, 199.459.

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, 2.211, 199.459

Protanopia

74, 1.596, 359.422

Deuteranopia

74, 9.604, 349.821



Tritanopia
74, 8.147, 285.908

Trichromacy



Original Color
74, 2.211, 199.459

Protanomaly
74, 0.009, 296.813

Deuteranomaly
74, 4.942, 346.584

Tritanomaly
74, 5.062, 274.014

Monochromacy



Original Color
74, 2.211, 199.459

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 0.740, 200.040

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 2.211, 199.459 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(177, 183, 183)` looks like.

```
.text, #text, p{  
    color:rgb(177, 183, 183)  
}
```

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(177, 183, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 183, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 2.211, 199.459 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(177, 183, 183) }
```

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

```
.border{ border-color:rgb(177, 183, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 183, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 183, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 183, 183);  
box-shadow:4px 4px 4px 4px rgb(177, 183,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 2.211, 199.459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 183, 183) }
```

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

```
.background{ background-color: rgb(177,  
183, 183) }
```

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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