

Converting Colors

CIE LCh(74, 2.003, 110.775)

Have a look what the booklet for
CIELCh(74, 2.003, 110.775) contains.

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Color

CIELCh(74, 2.152, 109.943)

Conversions

Conversions Part 1

Format	Color
Hex	B6B6B2
RGB	182, 182, 178
RGB Percent	71%, 71%, 70%
CMY	0.2857, 0.2856, 0.3013
CMYK	0.00, 0.00, 0.02, 0.29
HSL	60°, 3%, 71%
HSV	60°, 2%, 71%
XYZ	44.1392, 46.7039, 48.8896
YIQ	181.5440, 1.2840, -1.2440

Conversions

Conversions Part 2

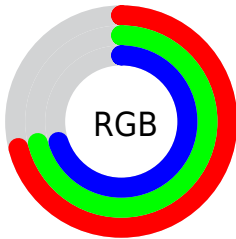
Format	Color
RYB	178, 182, 178
Decimal	11974322
CIELab	74.00, -0.73, 2.02
CIELCh	74, 2.152, 109.943
Yxy	46.7039, 0.3159, 0.3342
Android (android.graphics.Color)	4290164402 (0xFFB6B6B2)
YUV	181.5440, -1.7472, 0.3999
Hunter-Lab	68.3403, -4.3070, 5.4230

Details

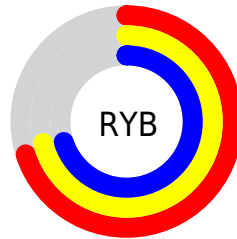
The CIELCh color $74, 2.152, 109.943$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $73, 2.181, 290.448$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 2.045, 109.981$, and $54, 2.295, 109.874$ is the 20% darker color. If you saturate the color by 10%, you get $74, 11.973, 109.047$, and if you desaturate by 10%, it is $75, 7.692, 290.944$.

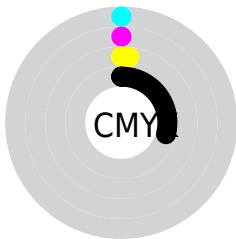
Distribution



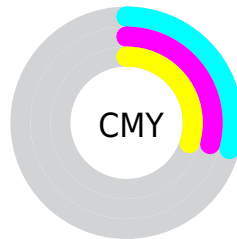
- Red (71%)
- Green (71%)
- Blue (70%)



- 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, 2.152, 109.943 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, 2.152, 109.943 by changing the saturation by 10% instead.

■ 74, 2.152, 109.943

■ 74, 2.152, 109.943

■ 100, 2.152,
109.943

■ 64, 2.152, 109.943

■ 94, 2.152, 109.943

■ 54, 2.152, 109.943

■ 44, 2.152, 109.943

■ 34, 2.152, 109.943

■ 24, 2.152, 109.943

■ 14, 2.152, 109.943

■ 4, 2.152, 109.943

■ 0, 2.152, 109.943

■ 74, 2.152, 109.943

■ 74, 2.152, 109.943

74, 11.973,
109.047

75, 7.692, 290.944

73, 21.717,
108.089

75, 17.531,
291.845

73, 31.308,
107.138

76, 27.339,
292.715

73, 40.628,
106.214

76, 37.099,
293.548

72, 49.495,
105.340

77, 39.224,
293.729

72, 57.635,
104.550

77, 39.224,
293.736

72, 64.667,
103.880

77, 39.224,
293.743

72, 70.135,
103.370

77, 39.224,
293.750

72, 73.648,

77, 39.224,
293.756

Harmonies

Complementary

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



74, 2.152, 109.943



73, 2.181, 290.448

Rectangle

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



74, 2.152, 109.943



74, 2.152, 159.943



74, 2.152, 289.943



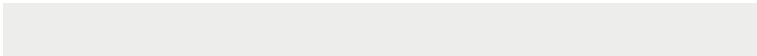
74, 2.152, 339.943

Sweetspot

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



74, 2.154, 109.976



94, 1.209, 110.055



73, 1.501, 19.194



50, 0.692, 110.057



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, 2.154, 109.976



94, 3.647, 109.903



74, 2.290, 129.023



39, 2.239, 109.842



62, 66.993, 102.902



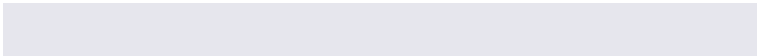
10, 15.133, 108.892

Inverse Universe

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



73, 2.181, 290.448



91, 3.692, 290.524



73, 2.313, 309.115



38, 2.267, 290.588



17, 92.500, 306.290



1, 15.385, 290.321

Previews

White Background



This preview shows how the CIELCh color 74, 2.152, 109.943 looks on a white background.

Color Contrast Check

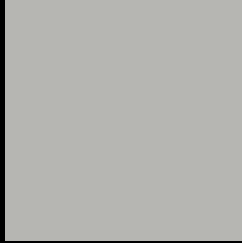
Large Text (above 18pt) WCAG AA × Fail

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, 2.152, 109.943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

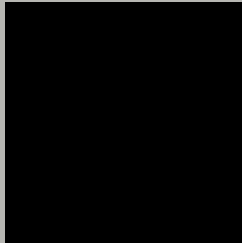
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

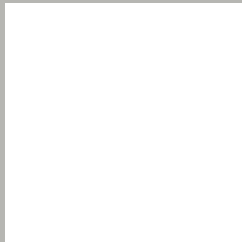
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 2.152, 109.943

Background



This preview shows how black text looks on a background with the CIELCh color 74, 2.152, 109.943.



This preview shows how white text looks on a background with the CIELCh color 74, 2.152, 109.943.

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, 2.152, 109.943

Protanopia

74, 2.468, 60.272

Deuteranopia

74, 9.277, 10.137



Tritanopia
74, 7.829, 304.304

Trichromacy



Original Color
74, 2.152, 109.943

Protanomaly
74, 2.195, 66.724

Deuteranomaly
74, 6.085, 14.760

Tritanomaly
74, 3.968, 306.686

Monochromacy



Original Color
74, 2.152, 109.943

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, 2.152, 109.943 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, 178)` looks like.

```
.text, #text, p{  
    color:rgb(182, 182, 178)  
}
```

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, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 182, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 2.152, 109.943 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, 178) }
```

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

```
.border{ border-color:rgb(182, 182, 178) }
```

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, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 182, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 182, 178);  
box-shadow:4px 4px 4px 4px rgb(182, 182,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 2.152, 109.943 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, 178) }
```

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

```
.background{ background-color: rgb(182,  
182, 178) }
```

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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