

Converting Colors

CIELCh(74, 5.638, 109.302)

Have a look what the booklet for
CIELCh(74, 5.638, 109.302) contains.

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Color

CIELCh(74, 5.926, 109.599)

Conversions

Conversions Part 1

Format	Color
Hex	B7B7AC
RGB	183, 183, 172
RGB Percent	72%, 72%, 67%
CMY	0.2838, 0.2838, 0.3269
CMYK	0.00, 0.00, 0.06, 0.28
HSL	60°, 7%, 69%
HSV	60°, 6%, 72%
XYZ	43.7118, 46.7039, 45.5591
YIQ	181.7460, 3.5310, -3.4210

Conversions

Conversions Part 2

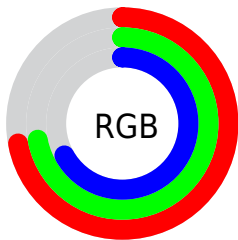
Format	Color
RYB	172, 183, 172
Decimal	12040108
CIELab	74.00, -1.99, 5.58
CIELCh	74, 5.926, 109.599
Yxy	46.7039, 0.3215, 0.3435
Android (android.graphics.Color)	4290230188 (0xFFB7B7AC)
YUV	181.7460, -4.8048, 1.0998
Hunter-Lab	68.3403, -5.4233, 8.3124

Details

The CIELCh color `74, 5.926, 109.599` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `71, 6.020, 290.797`, and the grayscale version is `74, 0.009, 296.813`.

A 20% lighter version of the original color is `94, 6.148, 109.683`, and `54, 5.736, 109.461` is the 20% darker color. If you saturate the color by 10%, you get `74, 15.746, 108.661`, and if you desaturate by 10%, it is `74, 3.934, 290.580`.

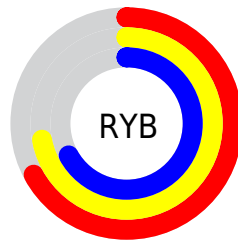
Distribution



Red (72%)

Green (72%)

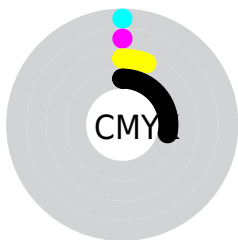
Blue (67%)



Red (67%)

Yellow (72%)

Blue (67%)

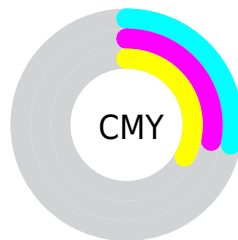


Cyan (0%)

Magenta (0%)

Yellow (6%)

Black (28%)



Cyan (28%)

Magenta (28%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 5.926, 109.599 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, 5.926, 109.599 by changing the saturation by 10% instead.

■ 74, 5.926, 109.599

■ 74, 5.926, 109.599

■ 100, 5.926,
109.599

■ 64, 5.926, 109.599

■ 94, 5.926, 109.599

■ 54, 5.926, 109.599

■ 44, 5.926, 109.599

■ 34, 5.926, 109.599

■ 24, 5.926, 109.599

■ 14, 5.926, 109.599

■ 4, 5.926, 109.599

■ 0, 5.926, 109.599

■ 74, 5.926, 109.599

■ 74, 5.926, 109.599

74, 15.746,
108.661

74, 3.934, 290.580

73, 25.463,
107.703

75, 13.800,
291.486

73, 34.988,
106.758

76, 23.643,
292.370

73, 44.180,
105.849

76, 33.444,
293.218

72, 52.825,
105.003

77, 38.949,
293.681

72, 60.607,
104.253

77, 38.949,
293.684

72, 67.107,
103.638

77, 38.949,
293.686

72, 71.870,
103.197

77, 38.949,
293.689

72, 74.616,

77, 38.949,
293.692

Harmonies

Complementary

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



74, 5.926, 109.599



71, 6.020, 290.797

Rectangle

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



74, 5.926, 109.599



74, 5.926, 159.599



74, 5.926, 289.599



74, 5.926, 339.599

Sweetspot

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



74, 5.928, 109.612



94, 2.428, 109.970



71, 4.183, 19.648



50, 1.391, 109.979



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, 5.928, 109.612



93, 8.519, 109.509



74, 6.310, 128.826



39, 4.480, 109.476



62, 66.992, 102.873



10, 15.132, 108.861

Inverse Universe

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



71, 6.020, 290.797



88, 8.669, 290.910



71, 6.375, 309.313



36, 4.562, 290.947



17, 92.503, 306.288



1, 15.385, 290.307

Previews

White Background



This preview shows how the CIELCh color 74, 5.926, 109.599 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, 5.926, 109.599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

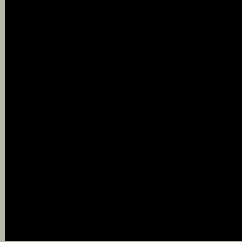
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

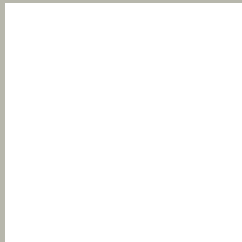
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 5.926, 109.599

Background



This preview shows how black text looks on a background with the CIELCh color 74, 5.926, 109.599.



This preview shows how white text looks on a background with the CIELCh color 74, 5.926, 109.599.

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, 5.926, 109.599

Protanopia

74, 6.007, 83.152

Deuteranopia

74, 10.557, 28.992



Tritanopia
74, 8.558, 308.236

Trichromacy



Original Color
74, 5.926, 109.599

Protanomaly
74, 6.111, 95.117

Deuteranomaly
74, 7.417, 41.138

Tritanomaly
74, 3.765, 319.888

Monochromacy



Original Color
74, 5.926, 109.599

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 2.152, 109.943

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 5.926, 109.599 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(183, 183, 172)` looks like.

```
.text, #text, p{  
    color:rgb(183, 183, 172)  
}
```

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(183, 183, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 183, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 5.926, 109.599 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(183, 183, 172) }
```

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

```
.border{ border-color:rgb(183, 183, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 183, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 183, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 183, 172);  
box-shadow:4px 4px 4px 4px rgb(183, 183,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 5.926, 109.599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 183, 172) }
```

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

```
.background{ background-color: rgb(183,  
183, 172) }
```

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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