

Converting Colors

CIELCh(74, 2.443, 158.949)

Have a look what the booklet for
CIELCh(74, 2.443, 158.949) contains.

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Color

CIELCh(74, 2.477, 158.572)

Conversions

Conversions Part 1

Format	Color
Hex	B2B7B4
RGB	178, 183, 180
RGB Percent	70%, 72%, 71%
CMY	0.3014, 0.2818, 0.2936
CMYK	0.03, 0.00, 0.02, 0.28
HSL	144°, 3%, 71%
HSV	144°, 3%, 72%
XYZ	43.6038, 46.7039, 49.9682
YIQ	181.1630, -2.0170, -1.9930

Conversions

Conversions Part 2

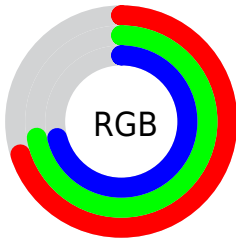
Format	Color
RYB	178, 182, 183
Decimal	11712436
CIELab	74.00, -2.31, 0.90
CIElCh	74, 2.477, 158.572
Yxy	46.7039, 0.3108, 0.3329
Android (android.graphics.Color)	4289902516 (0xFFB2B7B4)
YUV	181.1630, -0.5734, -2.7740
Hunter-Lab	68.3403, -5.7053, 4.4873

Details

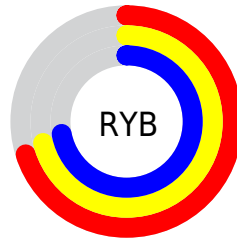
The CIELCh color $74, 2.477, 158.572$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $73, 2.497, 338.682$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 2.354, 158.657$, and $54, 2.640, 158.459$ is the 20% darker color. If you saturate the color by 10%, you get $72, 11.618, 157.665$, and if you desaturate by 10%, it is $76, 6.576, 339.070$.

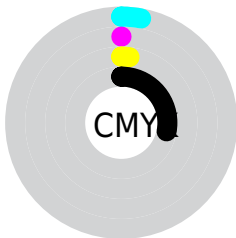
Distribution



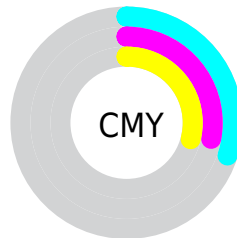
- Red (70%)
- Green (72%)
- Blue (71%)



- Red (70%)
- Yellow (71%)
- Blue (72%)



- Cyan (3%)
- Magenta (0%)
- Yellow (2%)
- Black (28%)



- Cyan (30%)
- Magenta (28%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 2.477, 158.572 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, 2.477, 158.572 by changing the saturation by 10% instead.

■ 74, 2.477, 158.572

■ 74, 2.477, 158.572

■ 100, 2.477,
158.572

■ 64, 2.477, 158.572

■ 94, 2.477, 158.572

■ 54, 2.477, 158.572

■ 44, 2.477, 158.572

■ 34, 2.477, 158.572

■ 24, 2.477, 158.572

■ 14, 2.477, 158.572

■ 4, 2.477, 158.572

■ 0, 2.477, 158.572

■ 74, 2.477, 158.572

■ 74, 2.477, 158.572

72, 11.618,
157.665

76, 6.576, 339.070

71, 20.747,
156.768

78, 15.477,
339.733

70, 29.748,
155.759

80, 24.174,
340.315

69, 38.480,
154.613

82, 32.637,
340.843

68, 46.786,
153.304

82, 37.245,
335.362

67, 54.510,
151.812

83, 41.393,
329.700

66, 61.508,
150.122

83, 45.024,
325.983

66, 67.681,
148.233

65, 72.986,

Harmonies

Complementary

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



74, 2.477, 158.572



73, 2.497, 338.682

Rectangle

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



74, 2.477, 158.572



74, 2.477, 208.572



74, 2.477, 338.572



74, 2.477, 28.572

Sweetspot

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



74, 2.479, 158.561



94, 1.113, 158.925



74, 2.795, 124.786



50, 0.638, 158.950



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, 2.479, 158.561



93, 3.360, 158.523



74, 1.878, 189.849



39, 2.063, 158.448



56, 67.278, 144.961



8, 15.356, 154.021

Inverse Universe

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



73, 2.497, 338.682



92, 3.383, 338.720



73, 1.907, 9.760



38, 2.076, 338.794



34, 60.561, 352.427



3, 13.014, 345.000

Previews

White Background



This preview shows how the CIELCh color 74, 2.477, 158.572 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, 2.477, 158.572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

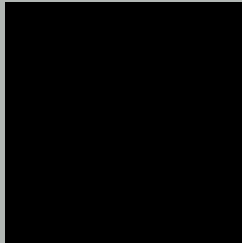
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

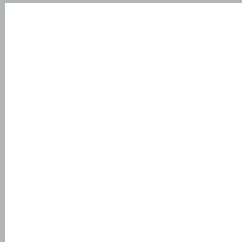
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 2.477, 158.572

Background



This preview shows how black text looks on a background with the CIELCh color 74, 2.477, 158.572.



This preview shows how white text looks on a background with the CIELCh color 74, 2.477, 158.572.

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, 2.477, 158.572

Protanopia

74, 2.154, 49.343

Deuteranopia

74, 9.286, 359.791



Tritanopia
74, 7.589, 288.189

Trichromacy



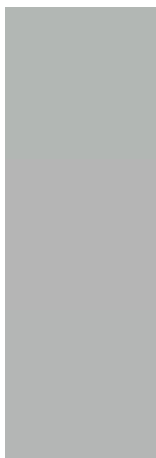
Original Color
74, 2.477, 158.572

Protanomaly
74, 1.651, 96.875

Deuteranomaly
74, 4.650, 6.275

Tritanomaly
74, 4.452, 276.418

Monochromacy



Original Color
74, 2.477, 158.572

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 0.919, 163.974

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 2.477, 158.572 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(178, 183, 180)` looks like.

```
.text, #text, p{  
    color:rgb(178, 183, 180)  
}
```

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(178, 183, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 183, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 2.477, 158.572 is called "border". The border property can be set on classes, ids or directly on the HTML element.

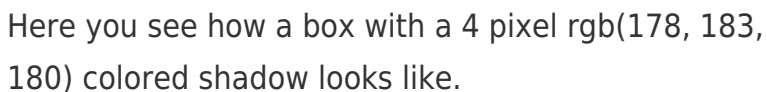
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(178, 183, 180) }
```

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

```
.border{ border-color:rgb(178, 183, 180) }
```

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



Here you see how a box with a 4 pixel `rgb(178, 183, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 183, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 183, 180);  
box-shadow:4px 4px 4px 4px rgb(178, 183,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 2.477, 158.572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 183, 180) }
```

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

```
.background{ background-color: rgb(178,  
183, 180) }
```

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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