

Converting Colors

CIELCh(74, 6.900, 128.802)

Have a look what the booklet for
CIELCh(74, 6.900, 128.802) contains.

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Color

CIELCh(74, 6.876, 128.802)

Conversions

Conversions Part 1

Format	Color
Hex	B2B8AC
RGB	178, 184, 172
RGB Percent	70%, 72%, 67%
CMY	0.3021, 0.2786, 0.3256
CMYK	0.03, 0.00, 0.07, 0.28
HSL	90°, 8%, 70%
HSV	90°, 7%, 72%
XYZ	42.9279, 46.7039, 45.7642
YIQ	180.8380, 0.2760, -5.0040

Conversions

Conversions Part 2

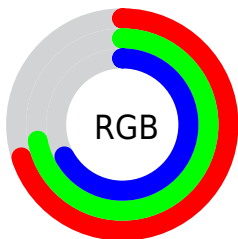
Format	Color
R_{YB}	172, 184, 178
Decimal	11712684
CIE Lab	74.00, -4.31, 5.36
CIE LCh	74, 6.876, 128.802
Yxy	46.7039, 0.3171, 0.3449
Android (android.graphics.Color)	4289902764 (0xFFB2B8AC)
YUV	180.8380, -4.3571, -2.4889
Hunter-Lab	68.3403, -7.4708, 8.1345

Details

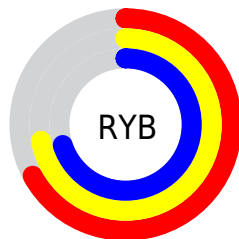
The CIELCh color `74, 6.876, 128.802` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `71, 6.951, 309.342`, and the grayscale version is `74, 0.009, 296.813`.

A 20% lighter version of the original color is `94, 7.025, 127.485`, and `54, 6.785, 130.310` is the 20% darker color. If you saturate the color by 10%, you get `73, 17.455, 128.341`, and if you desaturate by 10%, it is `75, 3.667, 309.187`.

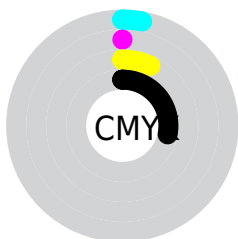
Distribution



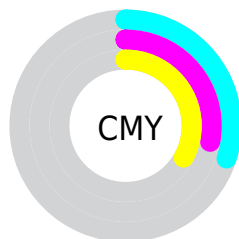
- Red (70%)
- Green (72%)
- Blue (67%)



- Red (67%)
- Yellow (72%)
- Blue (70%)



- Cyan (3%)
- Magenta (0%)
- Yellow (7%)
- Black (28%)



- Cyan (30%)
- Magenta (28%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 6.876, 128.802 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, 6.876, 128.802 by changing the saturation by 10% instead.

■ 74, 6.876, 128.802

■ 74, 6.876, 128.802

■ 100, 6.876,
128.802

■ 64, 6.876, 128.802

■ 94, 6.876, 128.802

■ 54, 6.876, 128.802

■ 44, 6.876, 128.802

■ 34, 6.876, 128.802

■ 24, 6.876, 128.802

■ 14, 6.876, 128.802

■ 4, 6.876, 128.802

■ 0, 6.876, 128.802

■ 74, 6.876, 128.802

■ 74, 6.876, 128.802

73, 17.455,
128.341

75, 3.667, 309.187

72, 27.991,
127.861

76, 14.128,
309.601

71, 38.382,
127.379

78, 24.468,
309.960

70, 48.478,
126.926

79, 34.661,
310.282

69, 58.064,
126.551

80, 40.259,
312.516

69, 66.834,
126.332

81, 41.291,
316.704

68, 74.382,
126.376

82, 42.521,
320.736

68, 80.262,
126.808

83, 43.937,
324.584

67, 84.209,

83, 44.510,
325.966

Harmonies

Complementary

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



74, 6.876, 128.802



71, 6.951, 309.342

Rectangle

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



74, 6.876, 128.802



74, 6.876, 178.802



74, 6.876, 308.802



74, 6.876, 358.802

Sweetspot

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



74, 6.878, 128.807



94, 2.604, 129.039



73, 3.953, 74.550



50, 1.479, 129.046



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, 6.878, 128.807



94, 10.463, 128.732



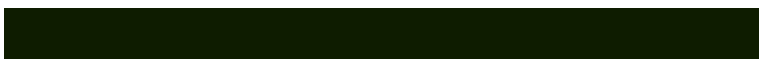
74, 7.941, 144.101



38, 5.968, 128.677



57, 75.256, 127.831



8, 16.885, 133.185

Inverse Universe

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



71, 6.951, 309.342



89, 10.591, 309.418



72, 7.957, 324.765



36, 6.049, 309.475



24, 86.137, 312.050



2, 15.954, 304.909

Previews

White Background



This preview shows how the CIELCh color 74, 6.876, 128.802 looks on a white background.

Color Contrast Check

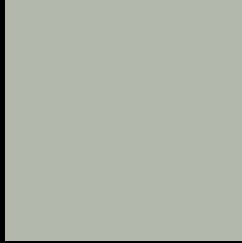
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 74, 6.876, 128.802 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

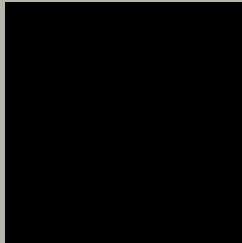
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

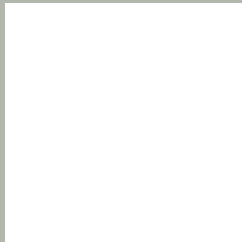
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 6.876, 128.802

Background



This preview shows how black text looks on a background with the CIELCh color 74, 6.876, 128.802.



This preview shows how white text looks on a background with the CIELCh color 74, 6.876, 128.802.

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

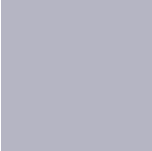
74, 6.876, 128.802

Protanopia

74, 6.498, 85.184

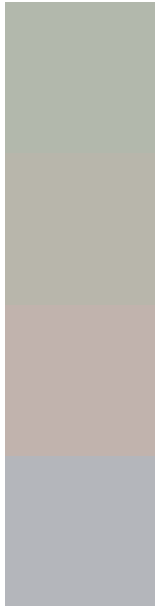
Deuteranopia

74, 10.073, 26.311



Tritanopia
74, 7.586, 290.907

Trichromacy



Original Color
74, 6.876, 128.802

Protanomaly
74, 5.973, 102.261

Deuteranomaly
74, 6.254, 50.814

Tritanomaly
74, 2.798, 275.268

Monochromacy



Original Color
74, 6.876, 128.802

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 2.288, 129.023

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 6.876, 128.802 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, 184, 172)` looks like.

```
.text, #text, p{  
    color:rgb(178, 184, 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(178, 184, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 184, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 6.876, 128.802 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, 184, 172) }
```

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

```
.border{ border-color:rgb(178, 184, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 184, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 184, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 184, 172);  
box-shadow:4px 4px 4px 4px rgb(178, 184,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 6.876, 128.802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 184, 172) }
```

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

```
.background{ background-color: rgb(178,  
184, 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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