

Converting Colors

CIELCh(75, 8.461, 129.036)

Have a look what the booklet for
CIELCh(75, 8.461, 129.036) contains.

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Color

CIELCh(75, 8.511, 127.548)

Conversions

Conversions Part 1

Format	Color
Hex	B4BBAC
RGB	180, 187, 172
RGB Percent	71%, 73%, 67%
CMY	0.2937, 0.2663, 0.3251
CMYK	0.04, 0.00, 0.08, 0.27
HSL	88°, 10%, 70%
HSV	88°, 8%, 73%
XYZ	44.0905, 48.2781, 46.0717
YIQ	183.1970, 0.6430, -6.1490

Conversions

Conversions Part 2

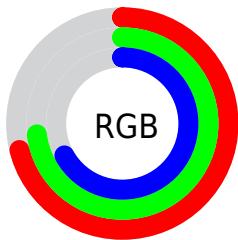
Format	Color
RYB	172, 187, 179
Decimal	11844524
CIELab	75.00, -5.19, 6.75
CIELCh	75, 8.511, 127.548
Yxy	48.2781, 0.3185, 0.3487
Android (android.graphics.Color)	4290034604 (0xFFB4BBAC)
YUV	183.1970, -5.5201, -2.8038
Hunter-Lab	69.4824, -8.3261, 9.3243

Details

The CIELCh color **75, 8.511, 127.548** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71, 8.623, 308.254**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 8.586, 126.561**, and **55, 8.513, 128.633** is the 20% darker color. If you saturate the color by 10%, you get **74, 19.148, 127.074**, and if you desaturate by 10%, it is **76, 2.108, 307.938**.

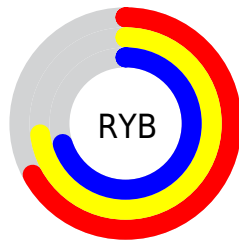
Distribution



Red (71%)

Green (73%)

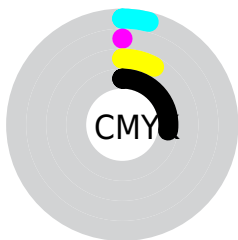
Blue (67%)



Red (67%)

Yellow (73%)

Blue (70%)

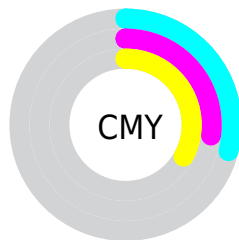


Cyan (4%)

Magenta (0%)

Yellow (8%)

Black (27%)



Cyan (29%)

Magenta (27%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 8.511, 127.548 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 75, 8.511, 127.548 by changing the saturation by 10% instead.

■ 75, 8.511, 127.548

■ 75, 8.511, 127.548

■ 100, 8.511,
127.548

■ 65, 8.511, 127.548

■ 95, 8.511, 127.548

■ 55, 8.511, 127.548

■ 45, 8.511, 127.548

■ 35, 8.511, 127.548

■ 25, 8.511, 127.548

■ 15, 8.511, 127.548

■ 5, 8.511, 127.548

■ 0, 8.511, 127.548

■ 75, 8.511, 127.548

■ 75, 8.511, 127.548

74, 19.148,
127.074

76, 2.108, 307.938

73, 29.721,
126.584

77, 12.661,
308.390

72, 40.122,
126.100

79, 23.107,
308.771

71, 50.193,
125.655

80, 33.419,
309.115

70, 59.703,
125.303

81, 38.276,
311.691

70, 68.329,
125.126

82, 39.238,
315.882

69, 75.646,
125.235

83, 40.390,
319.918

69, 81.209,
125.753

84, 41.720,
323.770

68, 84.878,

84, 42.563,
325.900

126.722

Harmonies

Complementary

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



75, 8.511, 127.548



71, 8.623, 308.254

Rectangle

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



75, 8.511, 127.548



75, 8.511, 177.548



75, 8.511, 307.548



75, 8.511, 357.548

Sweetspot

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



75, 8.513, 127.553



95, 2.607, 127.858



73, 4.845, 70.719



51, 1.494, 127.866



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



75, 8.513, 127.553



94, 13.100, 127.451



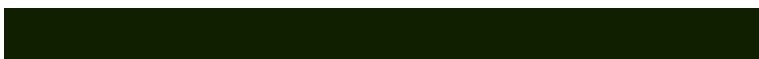
74, 9.801, 143.134



39, 6.060, 127.489



58, 75.359, 126.706



10, 18.939, 131.968

Inverse Universe

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



71, 8.623, 308.254



89, 13.303, 308.359



72, 9.823, 323.945



37, 6.147, 308.320



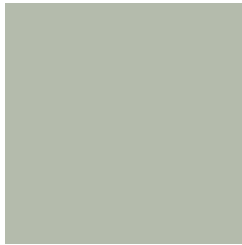
23, 87.803, 311.302



2, 17.985, 303.869

Previews

White Background



This preview shows how the CIELCh color 75, 8.511, 127.548 looks on a white background.

Color Contrast Check

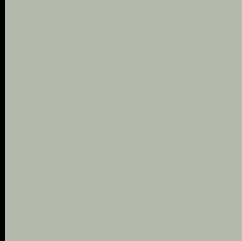
Large Text (above 18pt) WCAG AA × Fail

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 75, 8.511, 127.548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

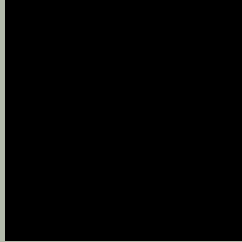
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

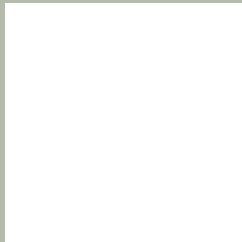
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 8.511, 127.548

Background



This preview shows how black text looks on a background with the CIELCh color 75, 8.511, 127.548.



This preview shows how white text looks on a background with the CIELCh color 75, 8.511, 127.548.

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

75, 8.511, 127.548

Protanopia

75, 7.982, 89.740

Deuteranopia

75, 11.038, 31.424



Tritanopia
75, 8.124, 293.484

Trichromacy



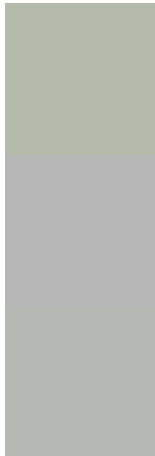
Original Color
75, 8.511, 127.548

Protanomaly
75, 7.558, 103.647

Deuteranomaly
75, 7.502, 54.686

Tritanomaly
75, 2.726, 282.732

Monochromacy



Original Color
75, 8.511, 127.548

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 2.799, 125.400

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 8.511, 127.548 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(180, 187, 172)` looks like.

```
.text, #text, p{  
    color:rgb(180, 187, 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(180, 187, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 187, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 8.511, 127.548 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(180, 187, 172) }
```

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

```
.border{ border-color:rgb(180, 187, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 187, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 187, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 187, 172);  
box-shadow:4px 4px 4px 4px rgb(180, 187,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 8.511, 127.548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 187, 172) }
```

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

```
.background{ background-color: rgb(180,  
187, 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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