

Converting Colors

CIELCh(76, 8.430, 128.744)

Have a look what the booklet for
CIELCh(76, 8.430, 128.744) contains.

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Color

CIELCh(76, 8.485, 127.553)

Conversions

Conversions Part 1

Format	Color
Hex	B7BEAF
RGB	183, 190, 175
RGB Percent	72%, 75%, 69%
CMY	0.2830, 0.2556, 0.3144
CMYK	0.04, 0.00, 0.08, 0.26
HSL	88°, 10%, 72%
HSV	88°, 8%, 74%
XYZ	45.5853, 49.8872, 47.6970
YIQ	186.1970, 0.6430, -6.1490

Conversions

Conversions Part 2

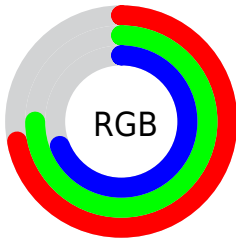
Format	Color
RYB	175, 190, 182
Decimal	12041903
CIELab	76.00, -5.17, 6.73
CIELCh	76, 8.485, 127.553
Yxy	49.8872, 0.3184, 0.3484
Android (android.graphics.Color)	4290231983 (0xFFB7BEAF)
YUV	186.1970, -5.5201, -2.8038
Hunter-Lab	70.6309, -8.3999, 9.4032

Details

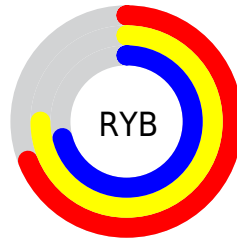
The CIELCh color `76, 8.485, 127.553` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `72, 8.595, 308.249`, and the grayscale version is `76, 0.009, 296.813`.

A 20% lighter version of the original color is `96, 8.079, 127.635`, and `56, 8.478, 128.642` is the 20% darker color. If you saturate the color by 10%, you get `75, 19.249, 127.079`, and if you desaturate by 10%, it is `77, 2.260, 307.945`.

Distribution



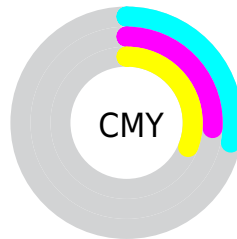
- Red (72%)
- Green (75%)
- Blue (69%)



- Red (69%)
- Yellow (75%)
- Blue (71%)



- Cyan (4%)
- Magenta (0%)
- Yellow (8%)
- Black (26%)



- Cyan (28%)
- Magenta (26%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 8.485, 127.553 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 76, 8.485, 127.553 by changing the saturation by 10% instead.

■ 76, 8.485, 127.553

■ 76, 8.485, 127.553

■ 100, 8.485,
127.553

■ 66, 8.485, 127.553

■ 96, 8.485, 127.553

■ 56, 8.485, 127.553

■ 46, 8.485, 127.553

■ 36, 8.485, 127.553

■ 26, 8.485, 127.553

■ 16, 8.485, 127.553

■ 6, 8.485, 127.553

■ 0, 8.485, 127.553

■ 76, 8.485, 127.553

■ 76, 8.485, 127.553

75, 19.249,
127.079

77, 2.260, 307.945

74, 29.948,
126.589

78, 12.937,
308.395

73, 40.474,
126.104

80, 23.505,
308.776

72, 50.668,
125.658

81, 33.937,
309.119

71, 60.296,
125.305

82, 36.910,
312.709

71, 69.030,
125.126

83, 37.957,
317.101

70, 76.441,
125.233

84, 39.204,
321.303

70, 82.076,
125.751

84, 40.639,
325.286

69, 85.780,

85, 40.861,
325.842

126.724

Harmonies

Complementary

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



76, 8.485, 127.553



72, 8.595, 308.249

Rectangle

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



76, 8.485, 127.553



76, 8.485, 177.553



76, 8.485, 307.553



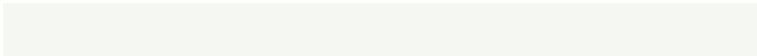
76, 8.485, 357.553

Sweetspot

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



76, 8.487, 127.558



97, 2.652, 127.858



74, 4.829, 70.731



52, 1.520, 127.865



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



76, 8.487, 127.558



96, 11.988, 127.499



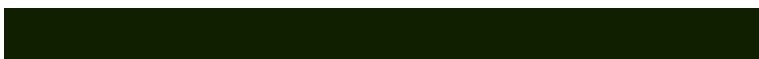
75, 9.771, 143.141



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.



72, 8.595, 308.249



91, 12.159, 308.310



73, 9.793, 323.939



37, 6.147, 308.320



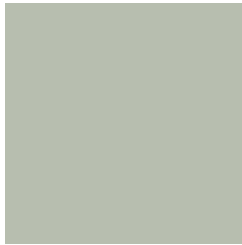
23, 87.803, 311.302



2, 17.985, 303.869

Previews

White Background



This preview shows how the CIELCh color 76, 8.485, 127.553 looks on a white background.

Color Contrast Check

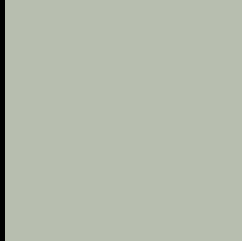
Large Text (above 18pt) WCAG AA × Fail

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 76, 8.485, 127.553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

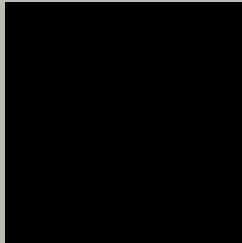
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

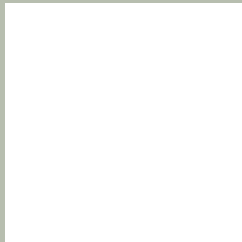
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 8.485, 127.553

Background



This preview shows how black text looks on a background with the CIELCh color 76, 8.485, 127.553.



This preview shows how white text looks on a background with the CIELCh color 76, 8.485, 127.553.

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


76, 8.485, 127.553

Protanopia

76, 7.957, 89.759

Deuteranopia

76, 10.999, 31.418



Tritanopia
76, 8.099, 293.474

Trichromacy



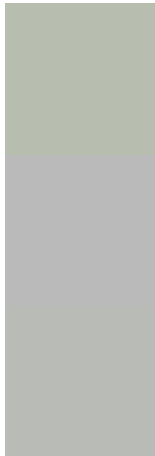
Original Color
76, 8.485, 127.553

Protanomaly
76, 7.535, 103.660

Deuteranomaly
76, 7.161, 56.464

Tritanomaly
76, 2.270, 271.614

Monochromacy



Original Color
76, 8.485, 127.553

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 2.790, 125.402

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 8.485, 127.553 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, 190, 175)` looks like.

```
.text, #text, p{  
    color:rgb(183, 190, 175)  
}
```

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, 190, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 190, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 8.485, 127.553 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, 190, 175) }
```

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

```
.border{ border-color:rgb(183, 190, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 190, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 190, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 190, 175);  
box-shadow:4px 4px 4px 4px rgb(183, 190,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 8.485, 127.553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 190, 175) }
```

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

```
.background{ background-color: rgb(183,  
190, 175) }
```

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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