

Converting Colors

CIELCh(76, 7.683, 126.251)

Have a look what the booklet for
CIELCh(76, 7.683, 126.251) contains.

CIELCh(76, 7.855, 126.203)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(76, 7.855, 126.203)

Conversions

Conversions Part 1

Format	Color
Hex	B8BEB0
RGB	184, 190, 176
RGB Percent	72%, 75%, 69%
CMY	0.2802, 0.2566, 0.3115
CMYK	0.03, 0.00, 0.07, 0.26
HSL	86°, 10%, 72%
HSV	86°, 7%, 74%
XYZ	45.7715, 49.8872, 48.0638
YIQ	186.6100, 0.9180, -5.6260

Conversions

Conversions Part 2

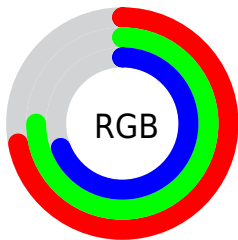
Format	Color
RYB	176, 190, 182
Decimal	12107440
CIELab	76.00, -4.64, 6.34
CIELCh	76, 7.855, 126.203
Yxy	49.8872, 0.3185, 0.3471
Android (android.graphics.Color)	4290297520 (0xFFB8BEB0)
YUV	186.6100, -5.2307, -2.2890
Hunter-Lab	70.6309, -7.9294, 9.0952

Details

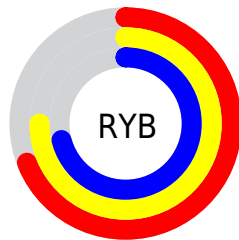
The CIELCh color `76, 7.855, 126.203` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `73, 7.959, 306.882`, and the grayscale version is `76, 0.009, 296.813`.

A 20% lighter version of the original color is `96, 7.479, 126.281`, and `56, 7.804, 127.305` is the 20% darker color. If you saturate the color by 10%, you get `75, 18.513, 125.714`, and if you desaturate by 10%, it is `77, 2.791, 306.627`.

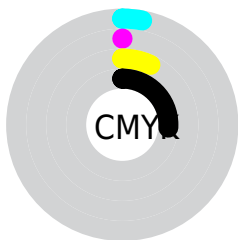
Distribution



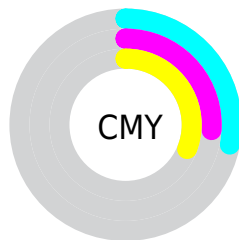
- Red (72%)
- Green (75%)
- Blue (69%)



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



- Cyan (3%)
- Magenta (0%)
- Yellow (7%)
- Black (26%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 7.855, 126.203 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, 7.855, 126.203 by changing the saturation by 10% instead.

■ 76, 7.855, 126.203

■ 76, 7.855, 126.203

■ 100, 7.855,
126.203

■ 66, 7.855, 126.203

■ 96, 7.855, 126.203

■ 56, 7.855, 126.203

■ 46, 7.855, 126.203

■ 36, 7.855, 126.203

■ 26, 7.855, 126.203

■ 16, 7.855, 126.203

■ 6, 7.855, 126.203

■ 0, 7.855, 126.203

■ 76, 7.855, 126.203

■ 76, 7.855, 126.203

75, 18.513,
125.714

77, 2.791, 306.627

74, 29.103,
125.211

78, 13.378,
307.084

73, 39.521,
124.715

80, 23.868,
307.484

72, 49.612,
124.260

81, 34.232,
307.848

72, 59.150,
123.898

82, 36.780,
311.287

71, 67.815,
123.708

82, 37.669,
315.352

70, 75.181,
123.799

83, 38.731,
319.271

70, 80.796,
124.294

84, 39.955,
323.019

69, 84.461,

85, 41.031,
325.848

Harmonies

Complementary

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



76, 7.855, 126.203



73, 7.959, 306.882

Rectangle

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



76, 7.855, 126.203



76, 7.855, 176.203



76, 7.855, 306.203



76, 7.855, 356.203

Sweetspot

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



76, 7.857, 126.209



97, 2.631, 126.490



74, 4.398, 65.028



52, 1.508, 126.497



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, 7.857, 126.209



96, 11.892, 126.122



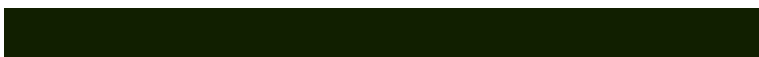
75, 8.970, 141.826



39, 6.011, 126.112



59, 74.425, 125.293



10, 18.719, 130.596

Inverse Universe

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



73, 7.959, 306.882



91, 12.073, 306.973



73, 8.998, 322.517



37, 6.104, 306.983



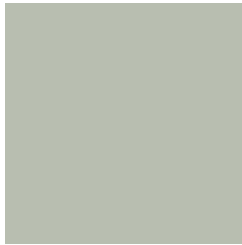
23, 88.505, 310.531



2, 17.892, 302.644

Previews

White Background



This preview shows how the CIELCh color 76, 7.855, 126.203 looks on a white background.

Color Contrast Check

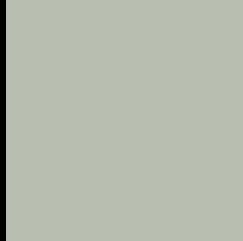
Large Text (above 18pt) WCAG AA × Fail

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 76, 7.855, 126.203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

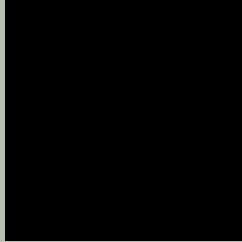
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

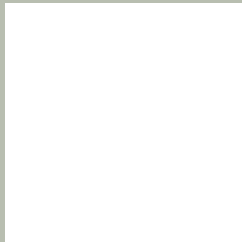
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 7.855, 126.203

Background



This preview shows how black text looks on a background with the CIELCh color 76, 7.855, 126.203.



This preview shows how white text looks on a background with the CIELCh color 76, 7.855, 126.203.

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





Tritanopia
76, 8.099, 293.474

Trichromacy



Original Color
76, 7.855, 126.203

Protanomaly
76, 7.002, 103.279

Deuteranomaly
76, 7.477, 54.698

Tritanomaly
76, 2.718, 282.727

Monochromacy



Original Color
76, 7.855, 126.203

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, 7.855, 126.203 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(184, 190, 176)` looks like.

```
.text, #text, p{  
    color:rgb(184, 190, 176)  
}
```

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(184, 190, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 190, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 7.855, 126.203 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(184, 190, 176) }
```

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

```
.border{ border-color:rgb(184, 190, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 190, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 190, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 190, 176);  
box-shadow:4px 4px 4px 4px rgb(184, 190,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 7.855, 126.203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 190, 176) }
```

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

```
.background{ background-color: rgb(184,  
190, 176) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor