

Converting Colors

CIELCh(76, 12.184, 106.727)

Have a look what the booklet for
CIELCh(76, 12.184, 106.727)
contains.

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Color

CIELCh(76, 12.312, 107.212)

Conversions

Conversions Part 1

Format	Color
Hex	BEBDA6
RGB	190, 189, 166
RGB Percent	75%, 74%, 65%
CMY	0.2563, 0.2602, 0.3504
CMYK	0.00, 0.01, 0.13, 0.26
HSL	58°, 16%, 70%
HSV	58°, 13%, 74%
XYZ	46.1214, 49.8872, 43.1103
YIQ	186.6770, 7.9790, -6.9410

Conversions

Conversions Part 2

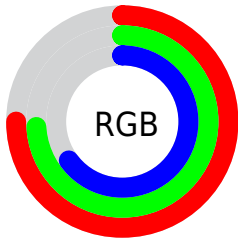
Format	Color
RYB	167, 190, 166
Decimal	12500390
CIELab	76.00, -3.64, 11.76
CIElCh	76, 12.312, 107.212
Yxy	49.8872, 0.3315, 0.3586
Android (android.graphics.Color)	4290690470 (0xFFBEBDA6)
YUV	186.6770, -10.1938, 2.9143
Hunter-Lab	70.6309, -7.0450, 13.2534

Details

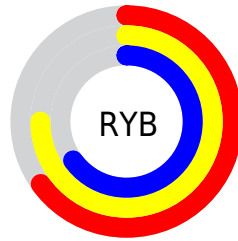
The CIELCh color **76, 12.312, 107.212** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69, 12.642, 289.844**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 12.240, 107.514**, and **56, 12.501, 106.761** is the 20% darker color. If you saturate the color by 10%, you get **75, 21.997, 106.220**, and if you desaturate by 10%, it is **77, 2.574, 108.185**.

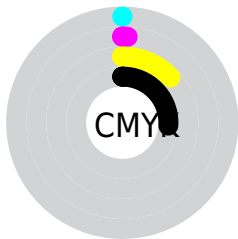
Distribution



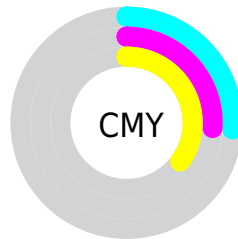
- Red (75%)
- Green (74%)
- Blue (65%)



- Red (65%)
- Yellow (75%)
- Blue (65%)



- Cyan (0%)
- Magenta (1%)
- Yellow (13%)
- Black (26%)





- Cyan (26%)
- Magenta (26%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 12.312, 107.212 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, 12.312, 107.212 by changing the saturation by 10% instead.


 76, 12.312,
107.212


 76, 12.312,
107.212


 100, 12.312,
107.212


 66, 12.312,
107.212


 96, 12.312,
107.212

 56, 12.312,
107.212

 46, 12.312,
107.212

 36, 12.312,
107.212

 26, 12.312,
107.212

 16, 12.312,
107.212

 6, 12.312, 107.212

■ 0, 12.312, 107.212

■ 76, 12.312,
107.212

■ 76, 12.312,
107.212

■ 75, 21.997,
106.220

■ 77, 2.574, 108.185

■ 77, 7.174, 289.192

■ 75, 31.552,
105.219

■ 78, 16.901,
290.122

■ 74, 40.862,
104.235

■ 79, 26.588,
291.019

■ 74, 49.744,
103.290

■ 80, 33.314,
291.490

■ 74, 57.915,
102.410

■ 80, 32.876,
290.990

■ 73, 64.975,
101.626

■ 80, 32.441,

■ 73, 70.425,
100.970

290.477

■ 73, 73.821,
100.462

■ 80, 32.009,
289.951

■ 72, 75.239,
100.161

■ 80, 31.579,
289.411

Harmonies

Complementary

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



76, 12.312, 107.212



69, 12.642, 289.844

Rectangle

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



76, 12.312, 107.212



76, 12.312, 157.212



76, 12.312, 287.212



76, 12.312, 337.212

Sweetspot

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



76, 12.314, 107.219



97, 4.828, 108.057



70, 9.298, 16.168



52, 3.460, 107.985



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, 12.314, 107.219



96, 18.111, 106.961



75, 13.538, 126.725



40, 5.495, 107.546



61, 65.788, 100.199



10, 16.020, 105.398

Inverse Universe

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



69, 12.642, 289.844



86, 18.693, 290.160



70, 13.801, 307.899



37, 5.606, 289.463



18, 91.594, 305.686



1, 16.913, 289.473

Previews

White Background



This preview shows how the CIELCh color 76, 12.312, 107.212 looks on a white background.

Color Contrast Check

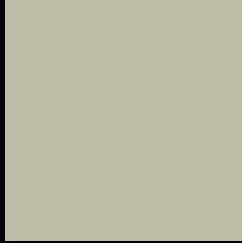
Large Text (above 18pt) WCAG AA × Fail

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, 12.312, 107.212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

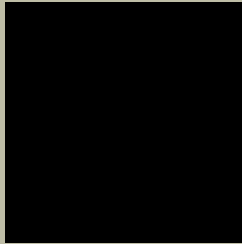
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

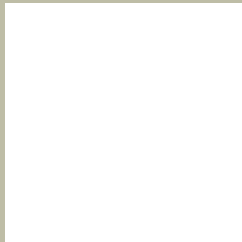
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 12.312, 107.212

Background



This preview shows how black text looks on a background with the CIELCh color 76, 12.312, 107.212.



This preview shows how white text looks on a background with the CIELCh color 76, 12.312, 107.212.

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, 12.312, 107.212

Protanopia

76, 12.291, 92.470

Deuteranopia

76, 14.810, 48.216



Tritanopia
76, 8.423, 316.456

Trichromacy



Original Color
76, 12.312, 107.212

Protanomaly
76, 12.525, 98.268

Deuteranomaly
76, 12.189, 64.405

Tritanomaly
76, 2.236, 19.353

Monochromacy



Original Color
76, 12.312, 107.212

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 4.291, 109.759

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 12.312, 107.212 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(190, 189, 166)` looks like.

```
.text, #text, p{  
    color:rgb(190, 189, 166)  
}
```

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(190, 189, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 189, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 12.312, 107.212 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(190, 189, 166) }
```

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

```
.border{ border-color:rgb(190, 189, 166) }
```

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

Here you see how a box with a 4 pixel rgb(190, 189, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 189, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 189, 166);  
box-shadow:4px 4px 4px 4px rgb(190, 189,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 12.312, 107.212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 189, 166) }
```

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

```
.background{ background-color: rgb(190,  
189, 166) }
```

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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