

Converting Colors

CIELCh(76, 7.182, 122.459)

Have a look what the booklet for
CIELCh(76, 7.182, 122.459) contains.

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Color

CIELCh(76, 7.144, 121.716)

Conversions

Conversions Part 1

Format	Color
Hex	B9BDB0
RGB	185, 189, 176
RGB Percent	73%, 74%, 69%
CMY	0.2742, 0.2585, 0.3095
CMYK	0.02, 0.00, 0.07, 0.26
HSL	78°, 9%, 72%
HSV	78°, 7%, 74%
XYZ	46.0818, 49.8872, 48.3116
YIQ	186.3220, 1.7890, -4.8910

Conversions

Conversions Part 2

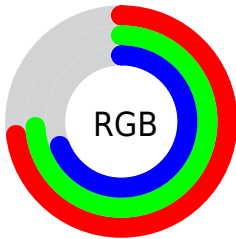
Format	Color
RYB	176, 189, 180
Decimal	12172720
CIELab	76.00, -3.76, 6.08
CIELCh	76, 7.144, 121.716
Yxy	49.8872, 0.3194, 0.3458
Android (android.graphics.Color)	4290362800 (0xFFB9BDB0)
YUV	186.3220, -5.0887, -1.1594
Hunter-Lab	70.6309, -7.1450, 8.8872

Details

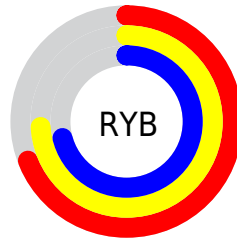
The CIELCh color $76, 7.144, 121.716$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $73, 7.250, 302.484$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 6.802, 121.801$, and $56, 7.036, 122.596$ is the 20% darker color. If you saturate the color by 10%, you get $75, 17.529, 121.149$, and if you desaturate by 10%, it is $77, 3.255, 302.251$.

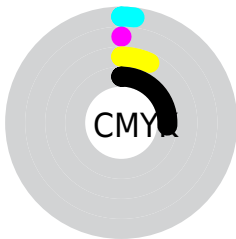
Distribution



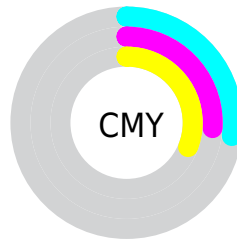
- Red (73%)
- Green (74%)
- Blue (69%)



- Red (69%)
- Yellow (74%)
- Blue (71%)



- Cyan (2%)
- Magenta (0%)
- Yellow (7%)
- Black (26%)



- Cyan (27%)
- Magenta (26%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 7.144, 121.716 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, 7.144, 121.716 by changing the saturation by 10% instead.

■ 76, 7.144, 121.716

■ 76, 7.144, 121.716

■ 100, 7.144,
121.716

■ 66, 7.144, 121.716

■ 96, 7.144, 121.716

■ 56, 7.144, 121.716

■ 46, 7.144, 121.716

■ 36, 7.144, 121.716

■ 26, 7.144, 121.716

■ 16, 7.144, 121.716

■ 6, 7.144, 121.716

■ 0, 7.144, 121.716

■ 76, 7.144, 121.716

■ 76, 7.144, 121.716

75, 17.529,
121.149

77, 3.255, 302.251

74, 27.825,
120.570

78, 13.626,
302.784

74, 37.936,
120.004

79, 23.931,
303.274

73, 47.712,
119.483

80, 34.147,
303.729

72, 56.934,
119.057

81, 36.229,
306.296

72, 65.285,
118.796

81, 36.691,
309.285

71, 72.344,
118.799

82, 37.246,
312.228

71, 77.655,
119.175

82, 37.892,
315.111

70, 80.982,

83, 38.625,
317.921

119.995

Harmonies

Complementary

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



76, 7.144, 121.716



73, 7.250, 302.484

Rectangle

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



76, 7.144, 121.716



76, 7.144, 171.716



76, 7.144, 301.716



76, 7.144, 351.716

Sweetspot

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



76, 7.146, 121.723



96, 2.555, 122.009



74, 4.029, 50.992



51, 1.452, 122.016



98, 0.011, 296.813



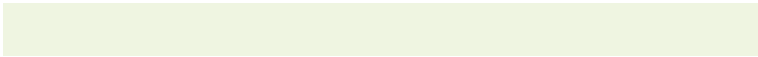
51, 0.007, 296.813

Same Dimension

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



76, 7.146, 121.723



96, 10.253, 121.652



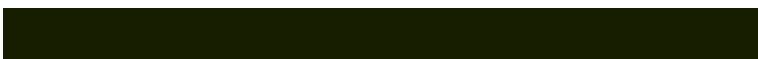
76, 8.038, 138.527



40, 5.880, 121.582



60, 71.600, 120.084



10, 18.015, 125.465

Inverse Universe

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



73, 7.250, 302.484



91, 10.422, 302.560



73, 8.078, 319.087



37, 5.988, 302.636



21, 90.593, 308.540



1, 17.677, 299.149

Previews

White Background



This preview shows how the CIELCh color 76, 7.144, 121.716 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, 7.144, 121.716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

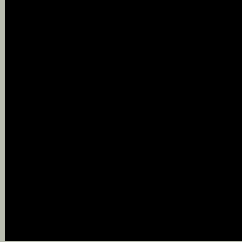
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

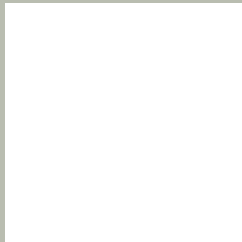
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 7.144, 121.716

Background



This preview shows how black text looks on a background with the CIELCh color 76, 7.144, 121.716.



This preview shows how white text looks on a background with the CIELCh color 76, 7.144, 121.716.

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, 7.144, 121.716

Protanopia

76, 6.952, 86.957

Deuteranopia

76, 10.883, 28.692



Tritanopia
76, 8.240, 301.003

Trichromacy



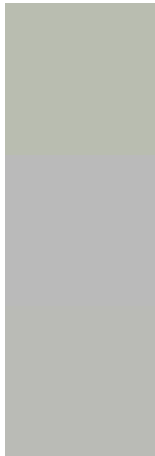
Original Color
76, 7.144, 121.716

Protanomaly
76, 7.050, 100.194

Deuteranomaly
76, 7.171, 51.268

Tritanomaly
76, 2.809, 305.599

Monochromacy



Original Color
76, 7.144, 121.716

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 2.710, 117.821

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 7.144, 121.716 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(185, 189, 176)` looks like.

```
.text, #text, p{  
    color:rgb(185, 189, 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(185, 189, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 189, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 7.144, 121.716 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(185, 189, 176) }
```

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

```
.border{ border-color:rgb(185, 189, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 189, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 189, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 189, 176); box-shadow:4px 4px 4px 4px rgb(185, 189, 176) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 7.144, 121.716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 189, 176) }
```

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

```
.background{ background-color: rgb(185,  
189, 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](#).

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