

Converting Colors

CIELCh(76, 11.087, 130.380)

Have a look what the booklet for
CIELCh(76, 11.087, 130.380)
contains.

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Color

CIELCh(76, 11.034, 131.371)

Conversions

Conversions Part 1

Format	Color
Hex	B4BFAC
RGB	180, 191, 172
RGB Percent	71%, 75%, 67%
CMY	0.2945, 0.2513, 0.3258
CMYK	0.06, 0.00, 0.10, 0.25
HSL	95°, 13%, 71%
HSV	95°, 10%, 75%
XYZ	44.8481, 49.8872, 46.2483
YIQ	185.5450, -0.4570, -8.2410

Conversions

Conversions Part 2

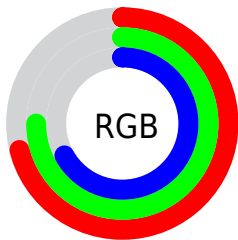
Format	Color
RYB	172, 191, 183
Decimal	11845548
CIELab	76.00, -7.29, 8.28
CIELCh	76, 11.034, 131.371
Yxy	49.8872, 0.3181, 0.3539
Android (android.graphics.Color)	4290035628 (0xFFB4BFAC)
YUV	185.5450, -6.6777, -4.8630
Hunter-Lab	70.6309, -10.2629, 10.6192

Details

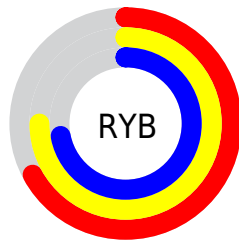
The CIELCh color **76, 11.034, 131.371** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72, 11.167, 312.186**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 10.981, 130.463**, and **56, 11.201, 132.324** is the 20% darker color. If you saturate the color by 10%, you get **75, 22.164, 130.911**, and if you desaturate by 10%, it is **77, 0.061, 309.511**.

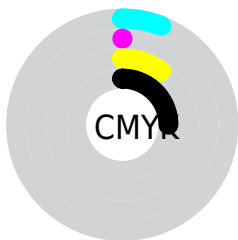
Distribution



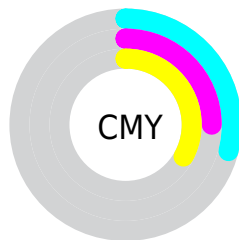
- Red (71%)
- Green (75%)
- Blue (67%)



- Red (67%)
- Yellow (75%)
- Blue (72%)



- Cyan (6%)
- Magenta (0%)
- Yellow (10%)
- Black (25%)





- Cyan (29%)
- Magenta (25%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 11.034, 131.371 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, 11.034, 131.371 by changing the saturation by 10% instead.


 76, 11.034,
131.371


 76, 11.034,
131.371


 100, 11.034,
131.371


 66, 11.034,
131.371


 96, 11.034,
131.371

 56, 11.034,
131.371

 46, 11.034,
131.371

 36, 11.034,
131.371

 26, 11.034,
131.371

 16, 11.034,
131.371

 6, 11.034, 131.371

0, 11.034, 131.371

76, 11.034,
131.371

76, 11.034,
131.371

75, 22.164,
130.911

77, 0.061, 309.511

74, 33.230,
130.428

79, 11.063,
312.152

73, 44.106,
129.940

80, 21.922,
312.501

72, 54.608,
129.482

82, 32.609,
312.807

71, 64.473,
129.113

83, 37.173,
316.521

70, 73.338,
128.921

84, 38.737,
321.848

■ 70, 80.751,
129.026

■ 85, 40.188,
325.819

■ 69, 86.262,
129.550

■ 69, 89.942,
130.449

Harmonies

Complementary

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



76, 11.034, 131.371



72, 11.167, 312.186

Rectangle

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



76, 11.034, 131.371



76, 11.034, 181.371



76, 11.034, 311.371



76, 11.034, 1.371

Sweetspot

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



76, 11.036, 131.374



97, 4.088, 131.698



75, 6.584, 80.984



52, 3.127, 131.655



99, 0.012, 296.813



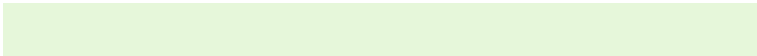
52, 0.007, 296.813

Same Dimension

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



76, 11.036, 131.374



95, 16.432, 131.272



75, 11.958, 145.709



39, 6.223, 131.402



58, 78.051, 130.232



9, 19.560, 135.430

Inverse Universe

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



72, 11.167, 312.186



89, 16.663, 312.287



72, 11.979, 326.821



37, 6.294, 312.159



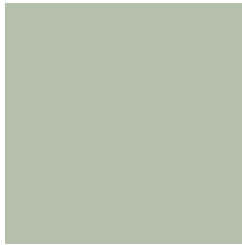
26, 85.740, 313.975



2, 18.347, 307.815

Previews

White Background



This preview shows how the CIELCh color 76, 11.034, 131.371 looks on a white background.

Color Contrast Check

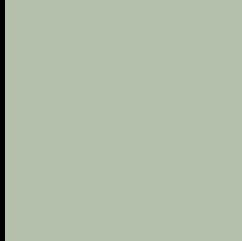
Large Text (above 18pt) WCAG AA × Fail

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, 11.034, 131.371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

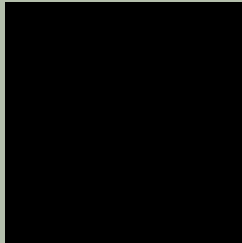
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

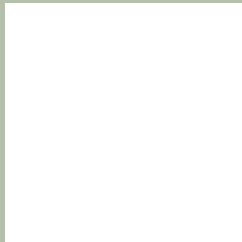
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 11.034, 131.371

Background



This preview shows how black text looks on a background with the CIELCh color 76, 11.034, 131.371.



This preview shows how white text looks on a background with the CIELCh color 76, 11.034, 131.371.

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

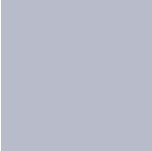
76, 11.034, 131.371

Protanopia

76, 9.609, 90.574

Deuteranopia

76, 11.870, 38.574



Tritanopia
76, 7.598, 282.780

Trichromacy



Original Color
76, 11.034, 131.371

Protanomaly
76, 9.137, 104.500

Deuteranomaly
76, 8.390, 69.583

Tritanomaly
76, 2.110, 230.254

Monochromacy



Original Color
76, 11.034, 131.371

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 4.060, 131.404

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 11.034, 131.371 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, 191, 172)` looks like.

```
.text, #text, p{  
    color:rgb(180, 191, 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, 191, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 191, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 11.034, 131.371 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, 191, 172) }
```

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

```
.border{ border-color:rgb(180, 191, 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, 191, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 191, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 191, 172);  
box-shadow:4px 4px 4px 4px rgb(180, 191,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 11.034, 131.371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 191, 172) }
```

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

```
.background{ background-color: rgb(180,  
191, 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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