

Converting Colors

CIELCh(76, 9.104, 111.131)

Have a look what the booklet for
CIELCh(76, 9.104, 111.131) contains.

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Color

CIELCh(76, 9.115, 111.715)

Conversions

Conversions Part 1

Format	Color
Hex	BCBDAC
RGB	188, 189, 172
RGB Percent	74%, 74%, 67%
CMY	0.2639, 0.2600, 0.3266
CMYK	0.01, 0.00, 0.09, 0.26
HSL	64°, 11%, 71%
HSV	64°, 9%, 74%
XYZ	46.2168, 49.8872, 46.0753
YIQ	186.7630, 4.8610, -5.4990

Conversions

Conversions Part 2

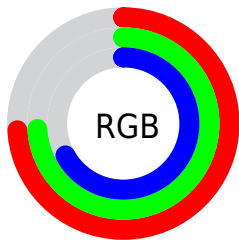
Format	Color
RYB	172, 189, 173
Decimal	12369324
CIELab	76.00, -3.37, 8.47
CIELCh	76, 9.115, 111.715
Yxy	49.8872, 0.3251, 0.3509
Android (android.graphics.Color)	4290559404 (0xFFBCBDAC)
YUV	186.7630, -7.2782, 1.0848
Hunter-Lab	70.6309, -6.8039, 10.7645

Details

The CIELCh color **76, 9.115, 111.715** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71, 9.310, 293.331**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 9.192, 111.714**, and **56, 9.112, 111.652** is the 20% darker color. If you saturate the color by 10%, you get **75, 19.189, 110.853**, and if you desaturate by 10%, it is **77, 1.016, 292.626**.

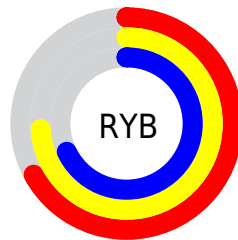
Distribution



Red (74%)

Green (74%)

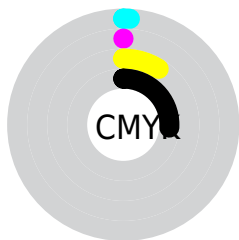
Blue (67%)



Red (67%)

Yellow (74%)

Blue (68%)

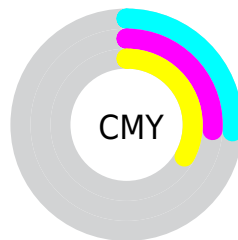


Cyan (1%)

Magenta (0%)

Yellow (9%)

Black (26%)



Cyan (26%)

Magenta (26%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 9.115, 111.715 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, 9.115, 111.715 by changing the saturation by 10% instead.

■ 76, 9.115, 111.715

■ 76, 9.115, 111.715

■ 100, 9.115,
111.715

■ 66, 9.115, 111.715

■ 96, 9.115, 111.715

■ 56, 9.115, 111.715

■ 46, 9.115, 111.715

■ 36, 9.115, 111.715

■ 26, 9.115, 111.715

■ 16, 9.115, 111.715

■ 6, 9.115, 111.715

■ 0, 9.115, 111.715

■ 76, 9.115, 111.715

■ 76, 9.115, 111.715

75, 19.189,
110.853

77, 1.016, 292.626

75, 29.131,
109.983

77, 11.163,
293.426

75, 38.836,
109.132

78, 21.292,
294.228

74, 48.140,
108.328

79, 31.379,
294.996

74, 56.795,
107.606

79, 35.547,
295.638

74, 64.445,
107.013

79, 35.567,
296.209

74, 70.637,
106.602

79, 35.589,
296.782

73, 74.919,
106.427

79, 35.614,
297.355

73, 77.282,

79, 35.643,
297.930

Harmonies

Complementary

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



76, 9.115, 111.715



71, 9.310, 293.331

Rectangle

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



76, 9.115, 111.715



76, 9.115, 161.715



76, 9.115, 291.715



76, 9.115, 341.715

Sweetspot

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



76, 9.117, 111.723



96, 3.747, 112.229



72, 6.192, 24.112



51, 2.841, 112.163



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, 9.117, 111.723



96, 13.750, 111.536



75, 9.819, 130.427



40, 5.736, 111.694



62, 67.974, 106.449



11, 16.966, 111.360

Inverse Universe

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



71, 9.310, 293.331



88, 14.105, 293.547



71, 9.935, 311.166



36, 5.861, 293.365



18, 93.295, 306.498



1, 17.454, 292.286

Previews

White Background



This preview shows how the CIELCh color 76, 9.115, 111.715 looks on a white background.

Color Contrast Check

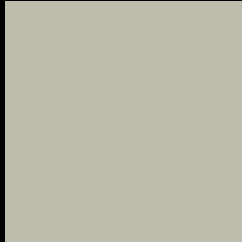
Large Text (above 18pt) WCAG AA × Fail

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, 9.115, 111.715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

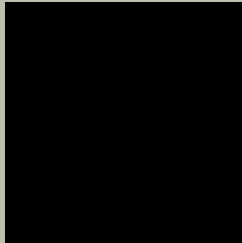
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

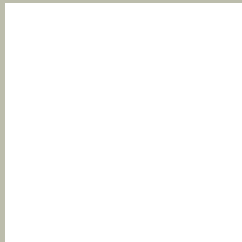
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 9.115, 111.715

Background



This preview shows how black text looks on a background with the CIELCh color 76, 9.115, 111.715.



This preview shows how white text looks on a background with the CIELCh color 76, 9.115, 111.715.

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, 9.115, 111.715

Protanopia

76, 9.101, 89.575

Deuteranopia

76, 12.449, 40.302



Tritanopia
76, 7.996, 309.363

Trichromacy



Original Color
76, 9.115, 111.715

Protanomaly
76, 9.227, 99.731

Deuteranomaly
76, 9.422, 58.443

Tritanomaly
76, 2.209, 332.333

Monochromacy



Original Color
76, 9.115, 111.715

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 3.216, 109.856

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 9.115, 111.715 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(188, 189, 172)` looks like.

```
.text, #text, p{  
    color:rgb(188, 189, 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(188, 189, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 189, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 9.115, 111.715 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(188, 189, 172) }
```

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

```
.border{ border-color:rgb(188, 189, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 189, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 189, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 189, 172);  
box-shadow:4px 4px 4px 4px rgb(188, 189,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 9.115, 111.715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 189, 172) }
```

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

```
.background{ background-color: rgb(188,  
189, 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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