

Converting Colors

CIELCh(76, 6.981, 112.053)

Have a look what the booklet for
CIELCh(76, 6.981, 112.053) contains.

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Color

CIELCh(76, 6.969, 109.513)

Conversions

Conversions Part 1

Format	Color
Hex	BCBCAF
RGB	188, 188, 175
RGB Percent	74%, 74%, 69%
CMY	0.2619, 0.2618, 0.3128
CMYK	0.00, 0.00, 0.07, 0.26
HSL	60°, 9%, 71%
HSV	60°, 7%, 74%
XYZ	46.5862, 49.8872, 47.8460
YIQ	186.5180, 4.1730, -4.0430

Conversions

Conversions Part 2

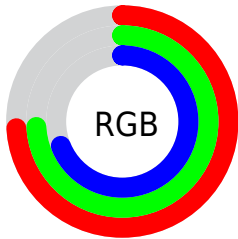
Format	Color
RYB	175, 188, 175
Decimal	12369071
CIELab	76.00, -2.33, 6.57
CIELCh	76, 6.969, 109.513
Yxy	49.8872, 0.3228, 0.3457
Android (android.graphics.Color)	4290559151 (0xFFBCBCAF)
YUV	186.5180, -5.6784, 1.2997
Hunter-Lab	70.6309, -5.8704, 9.2780

Details

The CIELCh color $76, 6.969, 109.513$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $72, 7.091, 290.887$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 6.635, 109.653$, and $56, 6.836, 109.348$ is the 20% darker color. If you saturate the color by 10%, you get $76, 17.027, 108.569$, and if you desaturate by 10%, it is $76, 3.134, 290.499$.

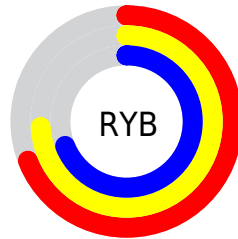
Distribution



Red (74%)

Green (74%)

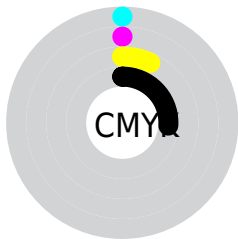
Blue (69%)



Red (69%)

Yellow (74%)

Blue (69%)

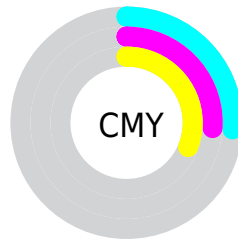


Cyan (0%)

Magenta (0%)

Yellow (7%)

Black (26%)



Cyan (26%)

Magenta (26%)

Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 6.969, 109.513 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, 6.969, 109.513 by changing the saturation by 10% instead.

 76, 6.969, 109.513

 76, 6.969, 109.513

 100, 6.969,
109.513

 66, 6.969, 109.513

 96, 6.969, 109.513

 56, 6.969, 109.513

 46, 6.969, 109.513

 36, 6.969, 109.513

 26, 6.969, 109.513

 16, 6.969, 109.513

 6, 6.969, 109.513

 0, 6.969, 109.513

 76, 6.969, 109.513

 76, 6.969, 109.513

76, 17.027,
108.569

76, 3.134, 290.499

75, 26.971,
107.609

77, 13.245,
291.406

75, 36.707,
106.665

78, 23.336,
292.295

75, 46.084,
105.759

78, 33.385,
293.148

74, 54.872,
104.919

78, 35.771,
293.348

74, 62.734,
104.179

78, 35.771,
293.350

74, 69.233,
103.579

78, 35.771,
293.353

74, 73.901,
103.157

78, 35.771,
293.356

74, 76.515,

78, 35.771,
293.358

Harmonies

Complementary

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



76, 6.969, 109.513



72, 7.091, 290.887

Rectangle

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



76, 6.969, 109.513



76, 6.969, 159.513



76, 6.969, 289.513



76, 6.969, 339.513

Sweetspot

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



76, 6.971, 109.524



96, 2.491, 109.967



73, 4.937, 19.723



51, 1.416, 109.975



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, 6.971, 109.524



96, 9.990, 109.409



76, 7.423, 128.784



40, 5.728, 109.293



63, 67.797, 102.869



11, 16.898, 107.661

Inverse Universe

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



72, 7.091, 290.887



90, 10.185, 291.016



72, 7.505, 309.356



36, 5.854, 291.148



18, 93.614, 306.288



1, 17.439, 290.646

Previews

White Background



This preview shows how the CIELCh color 76, 6.969, 109.513 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, 6.969, 109.513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

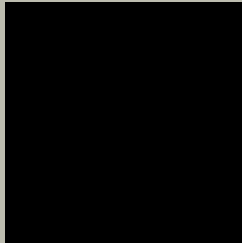
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

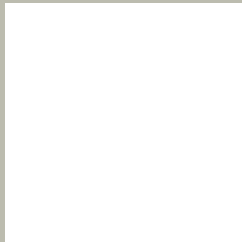
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 6.969, 109.513

Background



This preview shows how black text looks on a background with the CIELCh color 76, 6.969, 109.513.



This preview shows how white text looks on a background with the CIELCh color 76, 6.969, 109.513.

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, 6.969, 109.513

Protanopia

76, 7.452, 88.456

Deuteranopia

76, 10.999, 31.418



Tritanopia
76, 7.996, 309.363

Trichromacy



Original Color
76, 6.969, 109.513

Protanomaly
76, 7.216, 94.172

Deuteranomaly
76, 7.800, 53.076

Tritanomaly
76, 2.859, 330.584

Monochromacy



Original Color
76, 6.969, 109.513

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 2.141, 109.948

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 6.969, 109.513 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, 188, 175)` looks like.

```
.text, #text, p{  
    color:rgb(188, 188, 175)  
}
```

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, 188, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 188, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 6.969, 109.513 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, 188, 175) }
```

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

```
.border{ border-color:rgb(188, 188, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 188, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 188, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 188, 175);  
box-shadow:4px 4px 4px 4px rgb(188, 188,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 6.969, 109.513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 188, 175) }
```

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

```
.background{ background-color: rgb(188,  
188, 175) }
```

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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