

Converting Colors

CIELCh(75, 8.116, 106.438)

Have a look what the booklet for
CIELCh(75, 8.116, 106.438) contains.

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Color

CIELCh(75, 8.070, 106.683)

Conversions

Conversions Part 1

Format	Color
Hex	BAB9AA
RGB	186, 185, 170
RGB Percent	73%, 73%, 67%
CMY	0.2690, 0.2729, 0.3317
CMYK	0.00, 0.01, 0.09, 0.27
HSL	56°, 10%, 70%
HSV	56°, 9%, 73%
XYZ	45.0786, 48.2781, 45.1733
YIQ	183.5890, 5.4110, -4.4530

Conversions

Conversions Part 2

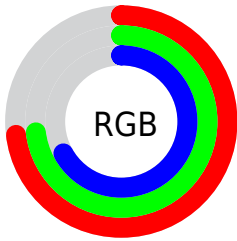
Format	Color
RYB	171, 186, 170
Decimal	12237226
CIELab	75.00, -2.32, 7.73
CIELCh	75, 8.070, 106.683
Yxy	48.2781, 0.3254, 0.3485
Android (android.graphics.Color)	4290427306 (0xFFBAB9AA)
YUV	183.5890, -6.6994, 2.1144
Hunter-Lab	69.4824, -5.7876, 10.0909

Details

The CIELCh color $75, 8.070, 106.683$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $70, 8.217, 288.479$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 8.190, 106.994$, and $55, 8.012, 106.254$ is the 20% darker color. If you saturate the color by 10%, you get $74, 17.460, 105.683$, and if you desaturate by 10%, it is $76, 1.338, 287.764$.

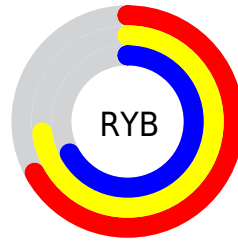
Distribution



Red (73%)

Green (73%)

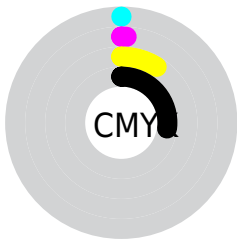
Blue (67%)



Red (67%)

Yellow (73%)

Blue (67%)

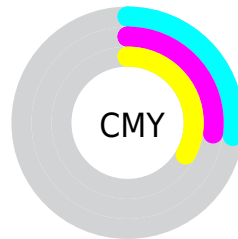


Cyan (0%)

Magenta (1%)

Yellow (9%)

Black (27%)



Cyan (27%)

Magenta (27%)

Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 8.070, 106.683 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 75, 8.070, 106.683 by changing the saturation by 10% instead.

 75, 8.070, 106.683

 75, 8.070, 106.683

 100, 8.070,
106.683

 65, 8.070, 106.683

 95, 8.070, 106.683

 55, 8.070, 106.683

 45, 8.070, 106.683

 35, 8.070, 106.683

 25, 8.070, 106.683

 15, 8.070, 106.683

 5, 8.070, 106.683

 0, 8.070, 106.683

 75, 8.070, 106.683

 75, 8.070, 106.683

74, 17.460,
105.683

76, 1.338, 287.764

74, 26.771,
104.659

77, 10.735,
288.676

73, 35.913,
103.639

77, 20.096,
289.606

72, 44.743,
102.642

78, 29.406,
290.498

72, 53.032,
101.690

79, 34.092,
290.626

71, 60.438,
100.808

79, 33.451,
289.883

71, 66.498,
100.024

80, 32.816,
289.112

71, 70.706, 99.358

80, 32.187,
288.312

70, 72.932, 98.805

80, 31.564,
287.483

Harmonies

Complementary

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



75, 8.070, 106.683



70, 8.217, 288.479

Rectangle

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



75, 8.070, 106.683



75, 8.070, 156.683



75, 8.070, 286.683



75, 8.070, 336.683

Sweetspot

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



75, 8.072, 106.694



95, 3.482, 107.229



71, 6.143, 14.452



51, 2.663, 107.155



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



75, 8.072, 106.694



95, 11.630, 106.536



75, 9.025, 126.317



40, 5.380, 106.616



60, 64.839, 98.784



10, 15.587, 104.160

Inverse Universe

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



70, 8.217, 288.479



88, 11.871, 288.659



71, 9.155, 307.105



37, 5.484, 288.567



19, 90.615, 305.386



1, 16.651, 288.861

Previews

White Background



This preview shows how the CIELCh color 75, 8.070, 106.683 looks on a white background.

Color Contrast Check

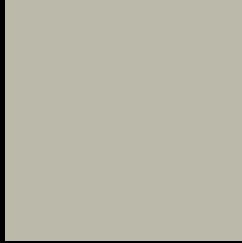
Large Text (above 18pt) WCAG AA × Fail

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 75, 8.070, 106.683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

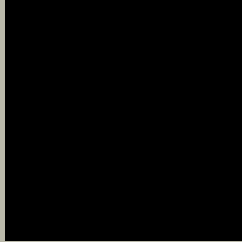
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

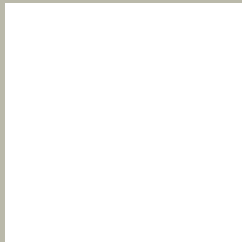
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 8.070, 106.683

Background



This preview shows how black text looks on a background with the CIELCh color 75, 8.070, 106.683.



This preview shows how white text looks on a background with the CIELCh color 75, 8.070, 106.683.

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

75, 8.070, 106.683

Protanopia

75, 7.982, 89.740

Deuteranopia

75, 11.728, 36.145



Tritanopia
75, 8.145, 311.806

Trichromacy



Original Color
75, 8.070, 106.683

Protanomaly
75, 8.196, 98.606

Deuteranomaly
75, 9.114, 55.883

Tritanomaly
75, 3.123, 335.777

Monochromacy



Original Color
75, 8.070, 106.683

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 3.223, 109.853

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 8.070, 106.683 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(186, 185, 170)` looks like.

```
.text, #text, p{  
    color:rgb(186, 185, 170)  
}
```

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(186, 185, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 185, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 8.070, 106.683 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(186, 185, 170) }
```

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

```
.border{ border-color:rgb(186, 185, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 185, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 185, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 185, 170);  
box-shadow:4px 4px 4px 4px rgb(186, 185,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 8.070, 106.683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 185, 170) }
```

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

```
.background{ background-color: rgb(186,  
185, 170) }
```

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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