

Converting Colors

CIELCh(75, 4.990, 116.841)

Have a look what the booklet for
CIELCh(75, 4.990, 116.841) contains.

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Color

CIELCh(75, 5.433, 117.638)

Conversions

Conversions Part 1

Format	Color
Hex	B8BAB0
RGB	184, 186, 176
RGB Percent	72%, 73%, 69%
CMY	0.2795, 0.2717, 0.3109
CMYK	0.01, 0.00, 0.05, 0.27
HSL	72°, 7%, 71%
HSV	72°, 5%, 73%
XYZ	45.0080, 48.2781, 47.8758
YIQ	184.2620, 2.0180, -3.5340

Conversions

Conversions Part 2

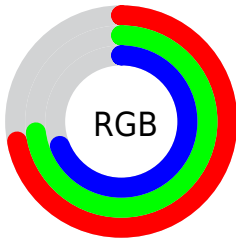
Format	Color
RYB	176, 186, 178
Decimal	12106416
CIELab	75.00, -2.52, 4.81
CIElCh	75, 5.433, 117.638
Yxy	48.2781, 0.3188, 0.3420
Android (android.graphics.Color)	4290296496 (0xFFB8BAB0)
YUV	184.2620, -4.0732, -0.2298
Hunter-Lab	69.4824, -5.9689, 7.7848

Details

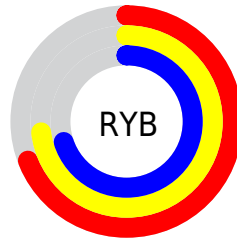
The CIELCh color $75, 5.433, 117.638$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $72, 5.510, 298.371$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 5.169, 117.717$, and $55, 5.214, 118.429$ is the 20% darker color. If you saturate the color by 10%, you get $74, 15.517, 116.969$, and if you desaturate by 10%, it is $76, 4.676, 298.303$.

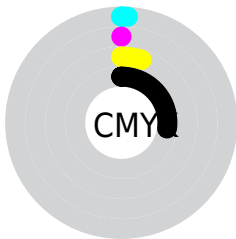
Distribution



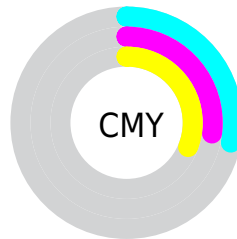
- Red (72%)
- Green (73%)
- Blue (69%)



- Red (69%)
- Yellow (73%)
- Blue (70%)



- Cyan (1%)
- Magenta (0%)
- Yellow (5%)
- Black (27%)



- Cyan (28%)
- Magenta (27%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 5.433, 117.638 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, 5.433, 117.638 by changing the saturation by 10% instead.

■ 75, 5.433, 117.638

■ 75, 5.433, 117.638

■ 100, 5.433,
117.638

■ 65, 5.433, 117.638

■ 95, 5.433, 117.638

■ 55, 5.433, 117.638

■ 45, 5.433, 117.638

■ 35, 5.433, 117.638

■ 25, 5.433, 117.638

■ 15, 5.433, 117.638

■ 5, 5.433, 117.638

■ 0, 5.433, 117.638

■ 75, 5.433, 117.638

■ 75, 5.433, 117.638

74, 15.517,
116.969

76, 4.676, 298.303

74, 25.509,
116.283

77, 14.773,
298.935

73, 35.320,
115.609

78, 24.826,
299.533

72, 44.812,
114.975

78, 34.810,
300.096

72, 53.782,
114.421

79, 37.590,
301.579

72, 61.928,
114.008

79, 37.774,
303.409

71, 68.843,
113.814

80, 37.994,
305.236

71, 74.069,
113.928

80, 38.249,
307.056

71, 77.283,

80, 38.539,
308.865

Harmonies

Complementary

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



75, 5.433, 117.638



72, 5.510, 298.371

Rectangle

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



75, 5.433, 117.638



75, 5.433, 167.638



75, 5.433, 297.638



75, 5.433, 347.638

Sweetspot

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



75, 5.435, 117.649



95, 2.499, 117.876



73, 3.204, 39.210



51, 1.432, 117.883



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, 5.435, 117.649



95, 7.516, 117.601



75, 6.017, 135.539



39, 3.966, 117.572



60, 68.713, 114.577



9, 15.641, 120.980

Inverse Universe

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



72, 5.510, 298.371



91, 7.628, 298.423



73, 6.056, 315.927



37, 4.028, 298.454



19, 90.988, 307.351



1, 15.484, 296.075

Previews

White Background



This preview shows how the CIELCh color 75, 5.433, 117.638 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 75, 5.433, 117.638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

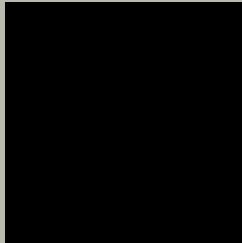
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

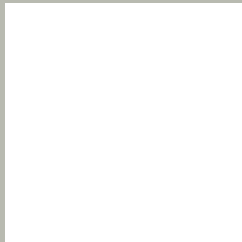
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 5.433, 117.638

Background



This preview shows how black text looks on a background with the CIELCh color 75, 5.433, 117.638.



This preview shows how white text looks on a background with the CIELCh color 75, 5.433, 117.638.

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, 5.433, 117.638

Protanopia

75, 5.335, 84.380

Deuteranopia

75, 10.375, 23.181



Tritanopia
75, 7.726, 301.682

Trichromacy



Original Color
75, 5.433, 117.638

Protanomaly
75, 5.484, 97.671

Deuteranomaly
75, 6.462, 39.209

Tritanomaly
75, 2.814, 305.600

Monochromacy



Original Color
75, 5.433, 117.638

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 2.183, 119.791

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 5.433, 117.638 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(184, 186, 176)` looks like.

```
.text, #text, p{  
    color:rgb(184, 186, 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(184, 186, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 186, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 5.433, 117.638 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(184, 186, 176) }
```

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

```
.border{ border-color:rgb(184, 186, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 186, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 186, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 186, 176);  
box-shadow:4px 4px 4px 4px rgb(184, 186,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 5.433, 117.638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 186, 176) }
```

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

```
.background{ background-color: rgb(184,  
186, 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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