

Converting Colors

CIELCh(75, 13.592, 108.482)

Have a look what the booklet for
CIELCh(75, 13.592, 108.482)
contains.

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Color

CIELCh(75, 13.416, 108.892)

Conversions

Conversions Part 1

Format	Color
Hex	BABAA1
RGB	186, 186, 161
RGB Percent	73%, 73%, 63%
CMY	0.2696, 0.2696, 0.3676
CMYK	0.00, 0.00, 0.13, 0.27
HSL	60°, 15%, 68%
HSV	60°, 13%, 73%
XYZ	44.3792, 48.2781, 40.8127
YIQ	183.1500, 8.0250, -7.7750

Conversions

Conversions Part 2

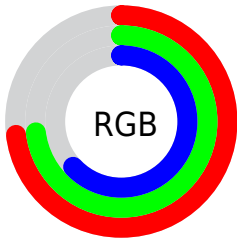
Format	Color
RYB	161, 186, 161
Decimal	12237473
CIELab	75.00, -4.34, 12.69
CIELCh	75, 13.416, 108.892
Yxy	48.2781, 0.3325, 0.3617
Android (android.graphics.Color)	4290427553 (0xFFBABAA1)
YUV	183.1500, -10.9199, 2.4995
Hunter-Lab	69.4824, -7.5844, 13.8119

Details

The CIELCh color $75, 13.416, 108.892$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $67, 13.832, 291.603$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 13.288, 109.133$, and $55, 13.681, 108.497$ is the 20% darker color. If you saturate the color by 10%, you get $75, 23.325, 107.938$, and if you desaturate by 10%, it is $75, 3.425, 109.842$.

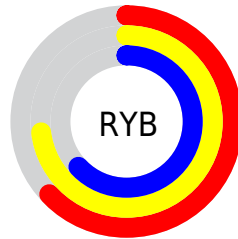
Distribution



Red (73%)

Green (73%)

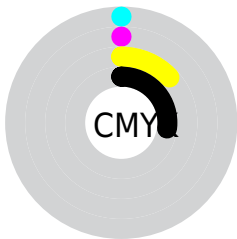
Blue (63%)



Red (63%)

Yellow (73%)

Blue (63%)

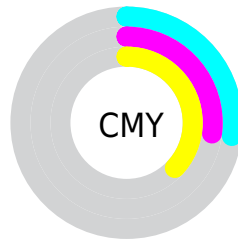


Cyan (0%)

Magenta (0%)

Yellow (13%)

Black (27%)



Cyan (27%)


Magenta (27%)


Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 13.416, 108.892 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, 13.416, 108.892 by changing the saturation by 10% instead.


 75, 13.416,
108.892


 75, 13.416,
108.892


 100, 13.416,
108.892


 65, 13.416,
108.892


 95, 13.416,
108.892

 55, 13.416,
108.892

 45, 13.416,
108.892

 35, 13.416,
108.892

 25, 13.416,
108.892

 15, 13.416,
108.892

 5, 13.416, 108.892

■ 0, 13.416, 108.892

■ 75, 13.416,
108.892

■ 75, 13.416,
108.892

■ 75, 23.325,
107.938

■ 75, 3.425, 109.842

■ 76, 6.600, 290.807

■ 74, 33.064,
106.987

■ 77, 16.620,
291.713

■ 74, 42.507,
106.065

■ 77, 26.612,
292.590

■ 74, 51.457,
105.198

■ 78, 36.558,
293.429

■ 74, 59.621,
104.419

■ 78, 36.888,
293.457

■ 73, 66.597,
103.765

■ 78, 36.888,

■ 73, 71.914,
103.277

293.459

■ 73, 75.203,
102.979

■ 78, 36.888,
293.460

■ 73, 76.534,
102.860

■ 78, 36.888,
293.461

Harmonies

Complementary

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



75, 13.416, 108.892



67, 13.832, 291.603

Rectangle

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



75, 13.416, 108.892



75, 13.416, 158.892



75, 13.416, 288.892



75, 13.416, 338.892

Sweetspot

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



75, 13.418, 108.898



95, 4.951, 109.784



68, 9.756, 20.242



51, 3.548, 109.714



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, 13.418, 108.898



95, 19.779, 108.626



74, 14.323, 128.481



40, 5.728, 109.287



63, 67.797, 102.860



11, 16.898, 107.652

Inverse Universe

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



67, 13.832, 291.603



83, 20.521, 291.943



68, 14.588, 309.667



36, 5.854, 291.143



18, 93.615, 306.288



1, 17.439, 290.642

Previews

White Background



This preview shows how the CIELCh color 75, 13.416, 108.892 looks on a white background.

Color Contrast Check

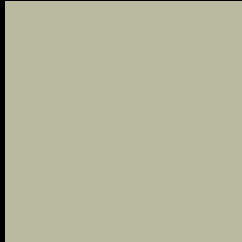
Large Text (above 18pt) WCAG AA × Fail

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, 13.416, 108.892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

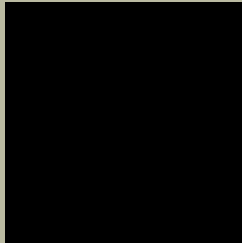
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

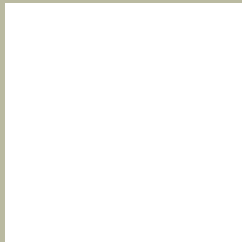
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 13.416, 108.892

Background



This preview shows how black text looks on a background with the CIELCh color 75, 13.416, 108.892.



This preview shows how white text looks on a background with the CIELCh color 75, 13.416, 108.892.

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, 13.416, 108.892

Protanopia

75, 13.366, 93.599

Deuteranopia

75, 15.095, 52.337



Tritanopia
75, 8.935, 314.965

Trichromacy



Original Color
75, 13.416, 108.892

Protanomaly
75, 13.619, 98.944

Deuteranomaly
75, 12.936, 71.650

Tritanomaly
75, 2.243, 19.359

Monochromacy



Original Color
75, 13.416, 108.892

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 4.843, 109.703

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 13.416, 108.892 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, 186, 161)` looks like.

```
.text, #text, p{  
    color:rgb(186, 186, 161)  
}
```

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, 186, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 186, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 13.416, 108.892 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, 186, 161) }
```

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

```
.border{ border-color:rgb(186, 186, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 186, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 186, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 186, 161);  
box-shadow:4px 4px 4px 4px rgb(186, 186,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 13.416, 108.892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 186, 161) }
```

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

```
.background{ background-color: rgb(186,  
186, 161) }
```

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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