

Converting Colors

CIELCh(75, 2.310, 96.702)

Have a look what the booklet for
CIELCh(75, 2.310, 96.702) contains.

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Color

CIELCh(75, 2.706, 101.938)

Conversions

Conversions Part 1

Format	Color
Hex	BAB9B4
RGB	186, 185, 180
RGB Percent	73%, 73%, 71%
CMY	0.2716, 0.2755, 0.2951
CMYK	0.00, 0.01, 0.03, 0.27
HSL	50°, 4%, 72%
HSV	50°, 3%, 73%
XYZ	45.6907, 48.2781, 49.9503
YIQ	184.7290, 2.2010, -1.3430

Conversions

Conversions Part 2

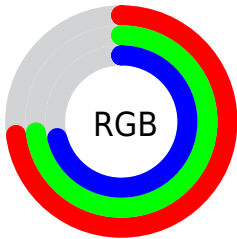
Format	Color
R_{YB}	181, 186, 180
Decimal	12237236
CIE Lab	75.00, -0.56, 2.65
CIE LCh	75, 2.706, 101.938
Yxy	48.2781, 0.3175, 0.3355
Android (android.graphics.Color)	4290427316 (0xFFBAB9B4)
YUV	184.7290, -2.3314, 1.1147
Hunter-Lab	69.4824, -4.2151, 6.0147

Details

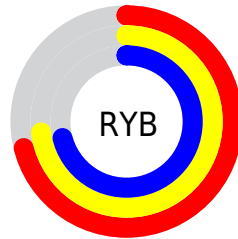
The CIELCh color $75, 2.706, 101.938$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $74, 2.735, 282.768$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 2.573, 102.000$, and $55, 2.881, 101.824$ is the 20% darker color. If you saturate the color by 10%, you get $74, 11.151, 100.905$, and if you desaturate by 10%, it is $76, 5.684, 283.107$.

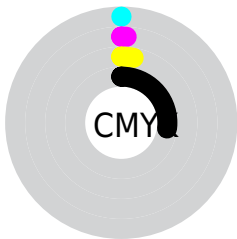
Distribution



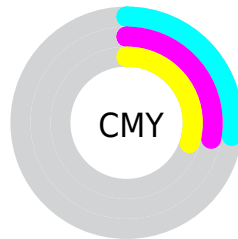
- Red (73%)
- Green (73%)
- Blue (71%)



- Red (71%)
- Yellow (73%)
- Blue (71%)



- Cyan (0%)
- Magenta (1%)
- Yellow (3%)
- Black (27%)



- Cyan (27%)
- Magenta (28%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 2.706, 101.938 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, 2.706, 101.938 by changing the saturation by 10% instead.

■ 75, 2.706, 101.938

■ 75, 2.706, 101.938

■ 100, 2.706,
101.938

■ 65, 2.706, 101.938

■ 95, 2.706, 101.938

■ 55, 2.706, 101.938

■ 45, 2.706, 101.938

■ 35, 2.706, 101.938

■ 25, 2.706, 101.938

■ 15, 2.706, 101.938

■ 5, 2.706, 101.938

■ 0, 2.706, 101.938

■ 75, 2.706, 101.938

■ 75, 2.706, 101.938

74, 11.151,
100.905

76, 5.684, 283.107

73, 19.618, 99.778

78, 14.008,
284.118

71, 28.060, 98.626

79, 22.259,
285.094

70, 36.390, 97.460

80, 30.431,
286.026

69, 44.461, 96.288

68, 52.025, 95.121

81, 29.346,
283.724

67, 58.699, 93.958

82, 27.813,
280.990

66, 63.944, 92.792

65, 67.187, 91.590

83, 26.349,
277.961

84, 24.966,
274.606

84, 23.677,
270.891

Harmonies

Complementary

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



75, 2.706, 101.938



74, 2.735, 282.768

Rectangle

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



75, 2.706, 101.938



75, 2.706, 151.938



75, 2.706, 281.938



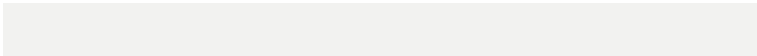
75, 2.706, 331.938

Sweetspot

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



75, 2.708, 101.970



95, 1.032, 102.102



74, 2.317, 5.894



51, 0.591, 102.099



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, 2.708, 101.970



95, 4.165, 101.889



75, 3.315, 122.895



39, 2.356, 101.829



55, 60.124, 90.939



8, 11.927, 97.531

Inverse Universe

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



74, 2.735, 282.768



93, 4.207, 282.853



74, 3.351, 303.204



37, 2.380, 282.917



21, 82.851, 303.150



2, 13.527, 284.868

Previews

White Background



This preview shows how the CIELCh color 75, 2.706, 101.938 looks on a white background.

Color Contrast Check

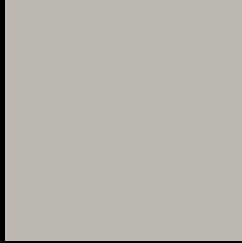
Large Text (above 18pt) WCAG AA × Fail

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, 2.706, 101.938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

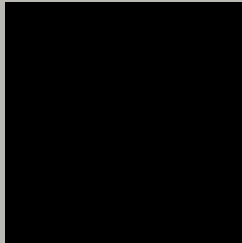
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

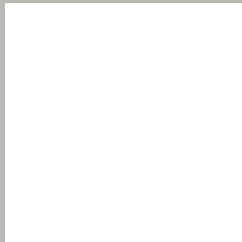
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 2.706, 101.938

Background



This preview shows how black text looks on a background with the CIELCh color 75, 2.706, 101.938.



This preview shows how white text looks on a background with the CIELCh color 75, 2.706, 101.938.

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, 2.706, 101.938

Protanopia

75, 3.267, 74.677

Deuteranopia

75, 9.570, 13.736



Tritanopia
75, 8.429, 305.870

Trichromacy



Original Color
75, 2.706, 101.938

Protanomaly
75, 3.067, 80.493

Deuteranomaly
75, 6.050, 19.822

Tritanomaly
75, 4.588, 309.225

Monochromacy



Original Color
75, 2.706, 101.938

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 1.129, 90.728

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 2.706, 101.938 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, 180)` looks like.

```
.text, #text, p{  
    color:rgb(186, 185, 180)  
}
```

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, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 185, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 2.706, 101.938 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, 180) }
```

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

```
.border{ border-color:rgb(186, 185, 180) }
```

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, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 185, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 185, 180);  
box-shadow:4px 4px 4px 4px rgb(186, 185,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 2.706, 101.938 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, 180) }
```

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

```
.background{ background-color: rgb(186,  
185, 180) }
```

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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