

Converting Colors

CIELCh(75, 9.541, 298.952)

Have a look what the booklet for
CIELCh(75, 9.541, 298.952) contains.

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Color

CIELCh(75, 9.864, 299.457)

Conversions

Conversions Part 1

Format	Color
Hex	BAB6C8
RGB	186, 182, 200
RGB Percent	73%, 71%, 78%
CMY	0.2691, 0.2848, 0.2142
CMYK	0.07, 0.09, 0.00, 0.21
HSL	253°, 14%, 75%
HSV	253°, 9%, 79%
XYZ	47.6105, 48.2781, 61.6807
YIQ	185.2480, -3.3940, 6.4460

Conversions

Conversions Part 2

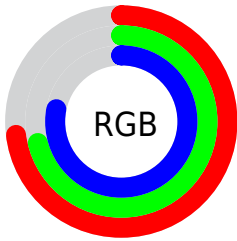
Format	Color
R _Y B	186, 182, 200
Decimal	12236488
CIE Lab	75.00, 4.85, -8.59
CIE LCh	75, 9.864, 299.457
Yxy	48.2781, 0.3022, 0.3064
Android (android.graphics.Color)	4290426568 (0xFFBAB6C8)
YUV	185.2480, 7.2727, 0.6595
Hunter-Lab	69.4824, 0.7167, -3.9950

Details

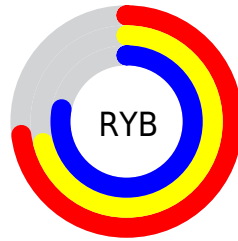
The CIELCh color `75, 9.864, 299.457` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `80, 9.673, 118.266`, and the grayscale version is `75, 0.009, 296.813`.

A 20% lighter version of the original color is `95, 8.877, 299.786`, and `55, 9.929, 300.113` is the 20% darker color. If you saturate the color by 10%, you get `69, 21.226, 300.231`, and if you desaturate by 10%, it is `81, 1.083, 118.799`.

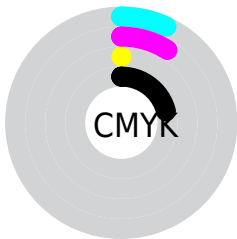
Distribution



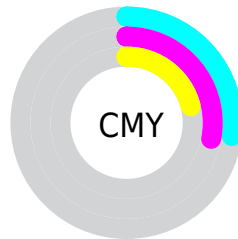
- Red (73%)
- Green (71%)
- Blue (78%)



- Red (73%)
- Yellow (71%)
- Blue (78%)



- Cyan (7%)
- Magenta (9%)
- Yellow (0%)
- Black (21%)



- Cyan (27%)
- Magenta (28%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 9.864, 299.457 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, 9.864, 299.457 by changing the saturation by 10% instead.

■ 75, 9.864, 299.457

■ 75, 9.864, 299.457

■ 100, 9.864,
299.457

■ 65, 9.864, 299.457

■ 95, 9.864, 299.457

■ 55, 9.864, 299.457

■ 45, 9.864, 299.457

■ 35, 9.864, 299.457

■ 25, 9.864, 299.457

■ 15, 9.864, 299.457

■ 5, 9.864, 299.457

■ 0, 9.864, 299.457

■ 75, 9.864, 299.457

■ 75, 9.864, 299.457

69, 21.226,
300.231

81, 1.083, 118.799

62, 33.019,
301.120

88, 11.628,
118.200

56, 45.225,
302.123

94, 21.796,
117.698

50, 57.771,
303.229

98, 27.670,
112.980

43, 70.464,
304.402

99, 27.548,
108.085

38, 82.887,
305.562

33, 94.244,
306.568

29, 103.303,
307.216

26, 109.131,

Harmonies

Complementary

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



75, 9.864, 299.457



80, 9.673, 118.266

Rectangle

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



75, 9.864, 299.457



75, 9.864, 349.457



75, 9.864, 119.457



75, 9.864, 169.457

Sweetspot

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



75, 9.862, 299.453



98, 3.968, 299.036



78, 5.417, 221.849



52, 3.011, 299.092



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 9.862, 299.453



91, 14.741, 299.613



76, 10.835, 316.617



39, 6.191, 299.481



20, 94.022, 307.525



2, 21.693, 297.578

Inverse Universe

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



76, 10.079, 331.849



93, 15.028, 331.995



79, 10.754, 135.890



39, 6.325, 331.876



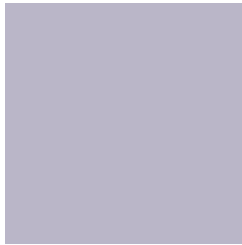
37, 69.830, 339.405



4, 22.010, 336.149

Previews

White Background



This preview shows how the CIELCh color 75, 9.864, 299.457 looks on a white background.

Color Contrast Check

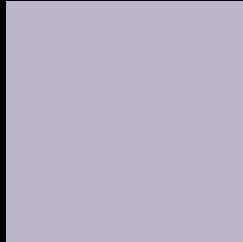
Large Text (above 18pt) WCAG AA × Fail

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, 9.864, 299.457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

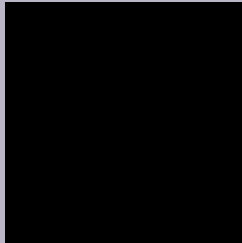
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 9.864, 299.457

Background



This preview shows how black text looks on a background with the CIELCh color 75, 9.864, 299.457.



This preview shows how white text looks on a background with the CIELCh color 75, 9.864, 299.457.

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, 9.864, 299.457

Protanopia

75, 9.731, 291.099

Deuteranopia

75, 13.295, 317.037



Tritanopia
75, 7.662, 299.023

Trichromacy



Original Color
75, 9.864, 299.457

Protanomaly
75, 9.742, 293.197

Deuteranomaly
75, 12.211, 311.955

Tritanomaly
75, 8.197, 298.522

Monochromacy



Original Color
75, 9.864, 299.457

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 3.269, 296.931

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 9.864, 299.457 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, 182, 200)` looks like.

```
.text, #text, p{  
    color:rgb(186, 182, 200)  
}
```

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, 182, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 182, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 9.864, 299.457 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, 182, 200) }
```

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

```
.border{ border-color:rgb(186, 182, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 182, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 182, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 182, 200);  
box-shadow:4px 4px 4px 4px rgb(186, 182,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 9.864, 299.457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 182, 200) }
```

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

```
.background{ background-color: rgb(186,  
182, 200) }
```

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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