

Converting Colors

CIELCh(75, 12.565, 324.854)

Have a look what the booklet for
CIELCh(75, 12.565, 324.854)
contains.

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Color

CIELCh(75, 12.448, 324.944)

Conversions

Conversions Part 1

Format	Color
Hex	C6B3C6
RGB	198, 179, 198
RGB Percent	78%, 70%, 78%
CMY	0.2238, 0.2983, 0.2238
CMYK	0.00, 0.10, 0.00, 0.22
HSL	300°, 14%, 74%
HSV	300°, 10%, 78%
XYZ	49.5568, 48.2781, 60.0856
YIQ	186.8470, 5.2250, 9.9370

Conversions

Conversions Part 2

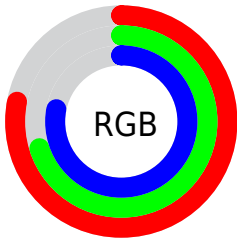
Format	Color
R _{YB}	198, 179, 198
Decimal	13022150
CIE Lab	75.00, 10.19, -7.15
CIE LCh	75, 12.448, 324.944
Yxy	48.2781, 0.3138, 0.3057
Android (android.graphics.Color)	4291212230 (0xFFC6B3C6)
YUV	186.8470, 5.4984, 9.7812
Hunter-Lab	69.4824, 5.7169, -2.6338

Details

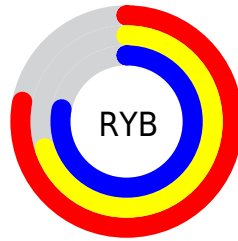
The CIELCh color `75, 12.448, 324.944` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `78, 12.427, 143.900`, and the grayscale version is `76, 0.009, 296.813`.

A 20% lighter version of the original color is `95, 12.482, 324.851`, and `55, 12.524, 325.090` is the 20% darker color. If you saturate the color by 10%, you get `70, 25.510, 325.499`, and if you desaturate by 10%, it is `80, 0.509, 144.924`.

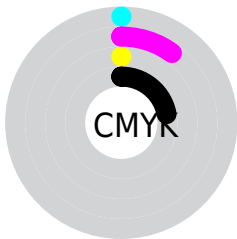
Distribution



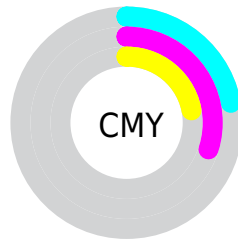
- Red (78%)
- Green (70%)
- Blue (78%)



- Red (78%)
- Yellow (70%)
- Blue (78%)



- Cyan (0%)
- Magenta (10%)
- Yellow (0%)
- Black (22%)





- Cyan (22%)
- Magenta (30%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 12.448, 324.944 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, 12.448, 324.944 by changing the saturation by 10% instead.

 75, 12.448,
324.944


 75, 12.448,
324.944

 100, 12.448,
324.944


 65, 12.448,
324.944


 95, 12.448,
324.944

 55, 12.448,
324.944

 45, 12.448,
324.944

 35, 12.448,
324.944

 25, 12.448,
324.944

 15, 12.448,
324.944

 5, 12.448, 324.944

0, 12.448, 324.944

75, 12.448,
324.944

75, 12.448,
324.944

70, 25.510,
325.499

80, 0.509, 144.924

65, 38.481,
326.036

85, 13.221,
143.907

61, 51.067,
326.545

91, 25.612,
143.382

57, 62.882,
327.012

95, 35.781,
142.961

54, 73.459,
327.419

95, 35.781,
142.961

51, 82.298,
327.751

95, 35.781,
142.961

■ 49, 88.966,
327.997

■ 95, 35.781,
142.961

■ 48, 93.232,
328.151

■ 95, 35.781,
142.961

■ 47, 95.420,
328.230

■ 95, 35.780,
142.961

Harmonies

Complementary

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



75, 12.448, 324.944



78, 12.427, 143.900

Rectangle

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



75, 12.448, 324.944



75, 12.448, 14.944



75, 12.448, 144.944



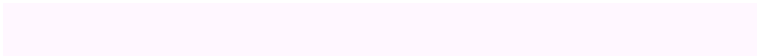
75, 12.448, 194.944

Sweetspot

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



75, 12.446, 324.944



98, 4.763, 324.543



73, 10.311, 291.168



52, 3.611, 324.601



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, 12.446, 324.944



93, 19.141, 325.089



75, 8.771, 344.404



39, 7.382, 324.932



39, 82.760, 328.233



4, 26.742, 327.026

Inverse Universe

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



75, 12.446, 324.944



93, 19.141, 325.089



78, 8.659, 162.898



39, 7.382, 324.932



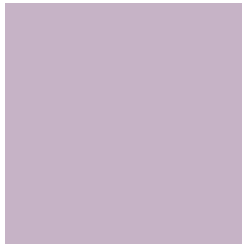
39, 82.760, 328.233



4, 26.742, 327.026

Previews

White Background



This preview shows how the CIELCh color 75, 12.448, 324.944 looks on a white background.

Color Contrast Check

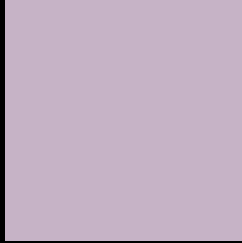
Large Text (above 18pt) WCAG AA × Fail

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, 12.448, 324.944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

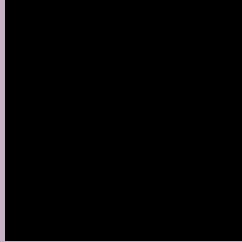
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 12.448, 324.944

Background



This preview shows how black text looks on a background with the CIELCh color 75, 12.448, 324.944.



This preview shows how white text looks on a background with the CIELCh color 75, 12.448, 324.944.

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, 12.448, 324.944

Protanopia

75, 9.731, 291.099

Deuteranopia

75, 12.247, 323.497



Tritanopia
75, 9.860, 330.212

Trichromacy



Original Color
75, 12.448, 324.944

Protanomaly
75, 10.001, 303.544

Deuteranomaly
75, 12.247, 323.497

Tritanomaly
75, 10.276, 328.287

Monochromacy



Original Color
75, 12.448, 324.944

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 4.602, 324.587

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 12.448, 324.944 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(198, 179, 198)` looks like.

```
.text, #text, p{  
    color:rgb(198, 179, 198)  
}
```

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(198, 179, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 179, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 12.448, 324.944 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(198, 179, 198) }
```

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

```
.border{ border-color:rgb(198, 179, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 179, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 179, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 179, 198);  
box-shadow:4px 4px 4px 4px rgb(198, 179,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 12.448, 324.944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 179, 198) }
```

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

```
.background{ background-color: rgb(198,  
179, 198) }
```

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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