

Converting Colors

CIELCh(75, 12.297, 327.975)

Have a look what the booklet for
CIELCh(75, 12.297, 327.975)
contains.

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Color

CIELCh(75, 12.227, 327.826)

Conversions

Conversions Part 1

Format	Color
Hex	C7B3C5
RGB	199, 179, 197
RGB Percent	78%, 70%, 77%
CMY	0.2205, 0.2989, 0.2284
CMYK	0.00, 0.10, 0.01, 0.22
HSL	306°, 15%, 74%
HSV	306°, 10%, 78%
XYZ	49.6158, 48.2781, 59.3861
YIQ	187.0320, 6.1420, 9.8380

Conversions

Conversions Part 2

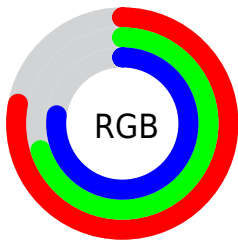
Format	Color
R _Y B	199, 179, 197
Decimal	13087685
CIE Lab	75.00, 10.35, -6.51
CIE LCh	75, 12.227, 327.826
Yxy	48.2781, 0.3155, 0.3070
Android (android.graphics.Color)	4291277765 (0xFFC7B3C5)
YUV	187.0320, 4.9142, 10.4959
Hunter-Lab	69.4824, 5.8683, -2.0370

Details

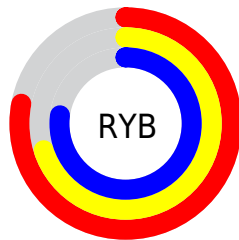
The CIELCh color $75, 12.227, 327.826$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $78, 12.201, 146.679$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 12.064, 326.225$, and $55, 12.288, 328.153$ is the 20% darker color. If you saturate the color by 10%, you get $70, 24.477, 328.421$, and if you desaturate by 10%, it is $80, 0.078, 323.695$.

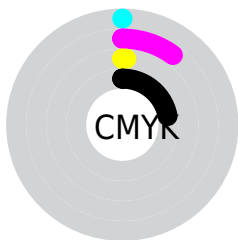
Distribution



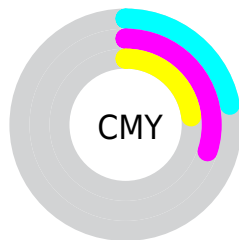
- Red (78%)
- Green (70%)
- Blue (77%)



- Red (78%)
- Yellow (70%)
- Blue (77%)



- Cyan (0%)
- Magenta (10%)
- Yellow (1%)
- Black (22%)





- Cyan (22%)
- Magenta (30%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 12.227, 327.826 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, 12.227, 327.826 by changing the saturation by 10% instead.


 75, 12.227,
327.826


 75, 12.227,
327.826


 100, 12.227,
327.826


 65, 12.227,
327.826


 95, 12.227,
327.826

 55, 12.227,
327.826

 45, 12.227,
327.826

 35, 12.227,
327.826

 25, 12.227,
327.826

 15, 12.227,
327.826

 5, 12.227, 327.826

0, 12.227, 327.826

75, 12.227,
327.826

75, 12.227,
327.826

70, 24.477,
328.421

80, 0.078, 323.695

65, 36.645,
329.012

85, 11.840,
146.745

61, 48.449,
329.596

91, 23.457,
146.198

57, 59.512,
330.165

95, 32.766,
145.940

53, 69.370,
330.713

95, 31.951,
147.022

50, 77.513,
331.234

95, 31.146,
148.156

■ 48, 83.490,
331.730

■ 95, 30.351,
149.347

■ 47, 87.045,
332.210

■ 95, 29.567,
150.598

■ 46, 88.538,
332.685

■ 95, 28.795,
151.914

Harmonies

Complementary

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



75, 12.227, 327.826



78, 12.201, 146.679

Rectangle

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



75, 12.227, 327.826



75, 12.227, 17.826



75, 12.227, 147.826



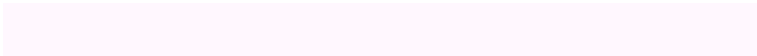
75, 12.227, 197.826

Sweetspot

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



75, 12.225, 327.827



98, 4.447, 327.370



74, 10.878, 294.349



52, 3.371, 327.433



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, 12.225, 327.827



92, 17.875, 327.953



75, 8.747, 349.253



39, 6.893, 327.786



38, 76.572, 332.615



4, 24.529, 330.573

Inverse Universe

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



75, 12.225, 327.827



92, 17.875, 327.953



78, 8.585, 167.562



39, 6.893, 327.786



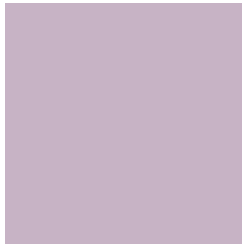
38, 76.572, 332.615



4, 24.529, 330.573

Previews

White Background



This preview shows how the CIELCh color 75, 12.227, 327.826 looks on a white background.

Color Contrast Check

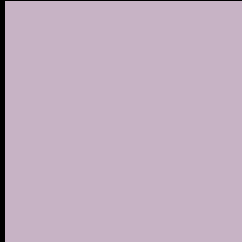
Large Text (above 18pt) WCAG AA × Fail

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, 12.227, 327.826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

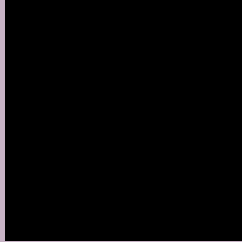
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 12.227, 327.826

Background



This preview shows how black text looks on a background with the CIELCh color 75, 12.227, 327.826.



This preview shows how white text looks on a background with the CIELCh color 75, 12.227, 327.826.

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, 12.227, 327.826

Protanopia

75, 8.642, 290.995

Deuteranopia

75, 11.801, 324.918



Tritanopia
75, 10.357, 333.435

Trichromacy



Original Color
75, 12.227, 327.826

Protanomaly
75, 9.567, 306.340

Deuteranomaly
75, 12.010, 326.396

Tritanomaly
75, 10.753, 331.469

Monochromacy



Original Color
75, 12.227, 327.826

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, 12.227, 327.826 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(199, 179, 197)` looks like.

```
.text, #text, p{  
    color:rgb(199, 179, 197)  
}
```

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(199, 179, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 179, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 12.227, 327.826 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(199, 179, 197) }
```

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

```
.border{ border-color:rgb(199, 179, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 179, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 179, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 179, 197);  
box-shadow:4px 4px 4px 4px rgb(199, 179,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 12.227, 327.826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 179, 197) }
```

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

```
.background{ background-color: rgb(199,  
179, 197) }
```

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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