

Converting Colors

CIELCh(75, 12.500, 4.210)

Have a look what the booklet for
CIELCh(75, 12.500, 4.210) contains.

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Color

CIELCh(75, 12.206, 5.152)

Conversions

Conversions Part 1

Format	Color
Hex	D0B1B7
RGB	208, 177, 183
RGB Percent	82%, 69%, 72%
CMY	0.1843, 0.3058, 0.2823
CMYK	0.00, 0.15, 0.12, 0.18
HSL	348°, 25%, 75%
HSV	348°, 15%, 82%
XYZ	50.2870, 48.2781, 51.4726
YIQ	186.9530, 16.5500, 8.4380

Conversions

Conversions Part 2

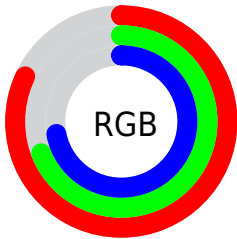
Format	Color
R _Y B	208, 177, 183
Decimal	13676983
CIE Lab	75.00, 12.16, 1.10
CIE LCh	75, 12.206, 5.152
Yxy	48.2781, 0.3352, 0.3218
Android (android.graphics.Color)	4291867063 (0xFFD0B1B7)
YUV	186.9530, -1.9488, 18.4582
Hunter-Lab	69.4824, 7.5927, 4.7156

Details

The CIELCh color $75, 12.206, 5.152$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $81, 11.490, 182.465$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 8.470, 358.637$, and $55, 12.248, 4.565$ is the 20% darker color. If you saturate the color by 10%, you get $69, 20.907, 6.375$, and if you desaturate by 10%, it is $81, 3.910, 4.059$.

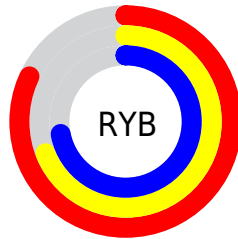
Distribution



Red (82%)

Green (69%)

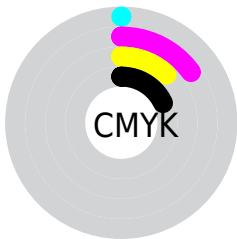
Blue (72%)



Red (82%)

Yellow (69%)

Blue (72%)

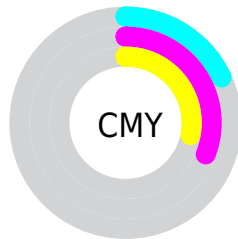


Cyan (0%)

Magenta (15%)

Yellow (12%)

Black (18%)



Cyan (18%)

Magenta (31%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 12.206, 5.152 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, 12.206, 5.152 by changing the saturation by 10% instead.

 75, 12.206, 5.152  75, 12.206, 5.152

 100, 12.206, 5.152  65, 12.206, 5.152

 95, 12.206, 5.152  55, 12.206, 5.152

 45, 12.206, 5.152

 35, 12.206, 5.152

 25, 12.206, 5.152

 15, 12.206, 5.152

 5, 12.206, 5.152

 0, 12.206, 5.152

 75, 12.206, 5.152

 75, 12.206, 5.152

69, 20.907, 6.375

81, 3.910, 4.059

64, 29.934, 7.830

86, 3.946, 183.463

59, 39.126, 9.619

92, 11.367,
182.625

55, 48.228, 11.857

97, 16.022,
189.419

51, 56.906, 14.689

48, 64.811, 18.265

97, 15.624,
198.466

45, 71.705, 22.675

44, 77.573, 27.807

44, 80.384, 30.409

Harmonies

Complementary

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



75, 12.206, 5.152



81, 11.490, 182.465

Rectangle

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



75, 12.206, 5.152



75, 12.206, 55.152



75, 12.206, 185.152



75, 12.206, 235.152

Sweetspot

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



75, 12.204, 5.159



97, 3.756, 3.951



75, 19.042, 319.460



51, 2.674, 4.047



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, 12.204, 5.159



88, 17.539, 5.540



77, 9.726, 50.559



41, 4.599, 4.559



35, 68.123, 29.529



4, 20.199, 10.507

Inverse Universe

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



75, 12.204, 5.159



88, 17.539, 5.540



79, 8.950, 232.813



41, 4.599, 4.559



35, 68.123, 29.529



4, 20.199, 10.507

Previews

White Background



This preview shows how the CIELCh color 75, 12.206, 5.152 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, 12.206, 5.152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

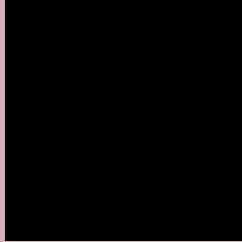
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 12.206, 5.152

Background



This preview shows how black text looks on a background with the CIELCh color 75, 12.206, 5.152.



This preview shows how white text looks on a background with the CIELCh color 75, 12.206, 5.152.

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, 12.206, 5.152

Protanopia

75, 1.981, 324.405

Deuteranopia

75, 9.340, 6.869



Tritanopia
75, 14.487, 349.375

Trichromacy



Original Color
75, 12.206, 5.152

Protanomaly
75, 5.906, 352.705

Deuteranomaly
75, 10.584, 5.594

Tritanomaly
75, 13.776, 355.206

Monochromacy



Original Color
75, 12.206, 5.152

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 4.781, 359.987

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 12.206, 5.152 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(208, 177, 183)` looks like.

```
.text, #text, p{  
    color:rgb(208, 177, 183)  
}
```

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(208, 177, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 177, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 12.206, 5.152 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(208, 177, 183) }
```

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

```
.border{ border-color:rgb(208, 177, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 177, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 177, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 177, 183);  
box-shadow:4px 4px 4px 4px rgb(208, 177,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 12.206, 5.152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 177, 183) }
```

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

```
.background{ background-color: rgb(208,  
177, 183) }
```

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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