

Converting Colors

CIELCh(75, 12.260, 38.456)

Have a look what the booklet for
CIELCh(75, 12.260, 38.456) contains.

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Color

CIELCh(75, 12.293, 38.016)

Conversions

Conversions Part 1

Format	Color
Hex	D0B2AB
RGB	208, 178, 171
RGB Percent	82%, 70%, 67%
CMY	0.1837, 0.3014, 0.3288
CMYK	0.00, 0.14, 0.18, 0.18
HSL	11°, 28%, 74%
HSV	11°, 18%, 82%
XYZ	49.3705, 48.2781, 45.3182
YIQ	186.1720, 20.1270, 4.1830

Conversions

Conversions Part 2

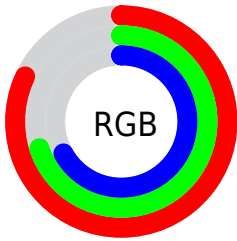
Format	Color
R _Y B	208, 180, 171
Decimal	13677227
CIE Lab	75.00, 9.68, 7.57
CIE LCh	75, 12.293, 38.016
Yxy	48.2781, 0.3453, 0.3377
Android (android.graphics.Color)	4291867307 (0xFFD0B2AB)
YUV	186.1720, -7.4798, 19.1432
Hunter-Lab	69.4824, 5.2383, 9.9673

Details

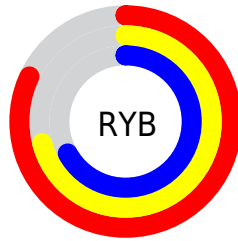
The CIELCh color **75, 12.293, 38.016** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **79, 10.939, 218.813**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 8.691, 47.889**, and **55, 12.255, 36.725** is the 20% darker color. If you saturate the color by 10%, you get **70, 20.026, 38.114**, and if you desaturate by 10%, it is **80, 5.160, 38.023**.

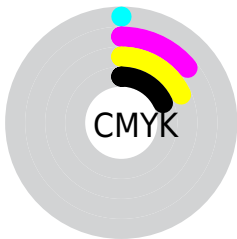
Distribution



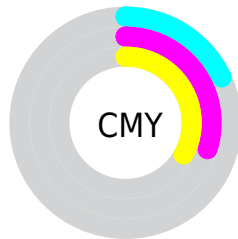
- Red (82%)
- Green (70%)
- Blue (67%)



- Red (82%)
- Yellow (71%)
- Blue (67%)



- Cyan (0%)
- Magenta (14%)
- Yellow (18%)
- Black (18%)



- Cyan (18%)
- Magenta (30%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 12.293, 38.016 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, 12.293, 38.016 by changing the saturation by 10% instead.

75, 12.293, 38.016

75, 12.293, 38.016

100, 12.293,
38.016

65, 12.293, 38.016

95, 12.293, 38.016

55, 12.293, 38.016

45, 12.293, 38.016

35, 12.293, 38.016

25, 12.293, 38.016

15, 12.293, 38.016

5, 12.293, 38.016

0, 12.293, 38.016

75, 12.293, 38.016

75, 12.293, 38.016

70, 20.026, 38.114

80, 5.160, 38.023

66, 28.395, 38.357

85, 1.419, 218.685

62, 37.404, 38.802

90, 7.500, 218.591

57, 47.003, 39.486

94, 13.141,
218.838

54, 57.045, 40.417

97, 15.579,
198.469

51, 67.199, 41.520

48, 76.722, 42.514

46, 84.224, 42.845

46, 85.749, 42.996

Harmonies

Complementary

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



75, 12.293, 38.016



79, 10.939, 218.813

Rectangle

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



75, 12.293, 38.016



75, 12.293, 88.016



75, 12.293, 218.016



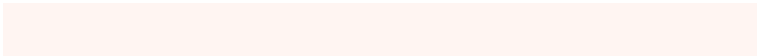
75, 12.293, 268.016

Sweetspot

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



75, 12.292, 38.027



97, 3.867, 37.997



74, 21.243, 331.041



51, 2.646, 38.009



0, 0.000, 0.000



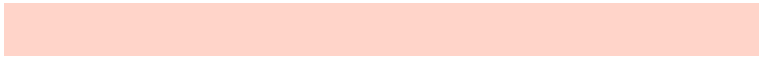
53, 0.007, 296.813

Same Dimension

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



75, 12.292, 38.027



88, 17.369, 38.043



80, 14.169, 90.203



41, 3.803, 38.026



37, 72.848, 43.342



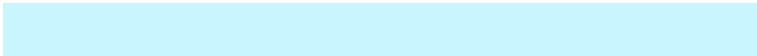
6, 17.881, 29.786

Inverse Universe

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



79, 10.939, 218.813



94, 15.072, 218.963



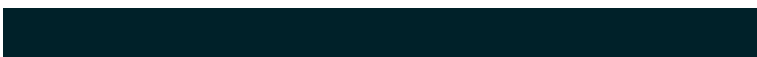
74, 14.167, 274.904



43, 3.586, 218.557



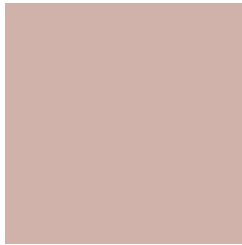
52, 32.027, 232.944



11, 12.207, 224.999

Previews

White Background



This preview shows how the CIELCh color 75, 12.293, 38.016 looks on a white background.

Color Contrast Check

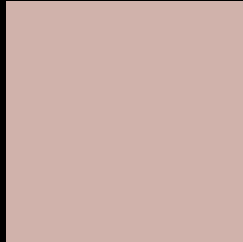
Large Text (above 18pt) WCAG AA × Fail

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, 12.293, 38.016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

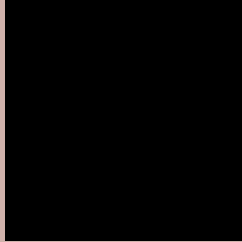
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 12.293, 38.016

Background



This preview shows how black text looks on a background with the CIELCh color 75, 12.293, 38.016.



This preview shows how white text looks on a background with the CIELCh color 75, 12.293, 38.016.

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, 12.293, 38.016

Protanopia

75, 5.988, 83.168

Deuteranopia

75, 12.293, 38.016



Tritanopia
75, 15.153, 350.965

Trichromacy



Original Color
75, 12.293, 38.016

Protanomaly
75, 7.522, 59.655

Deuteranomaly
75, 12.293, 38.016

Tritanomaly
75, 13.088, 3.854

Monochromacy



Original Color
75, 12.293, 38.016

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 4.277, 34.153

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 12.293, 38.016 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, 178, 171)` looks like.

```
.text, #text, p{  
    color:rgb(208, 178, 171)  
}
```

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, 178, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 178, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 12.293, 38.016 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, 178, 171) }
```

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

```
.border{ border-color:rgb(208, 178, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 178, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 178, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 178, 171);  
box-shadow:4px 4px 4px 4px rgb(208, 178,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 12.293, 38.016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 178, 171) }
```

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

```
.background{ background-color: rgb(208,  
178, 171) }
```

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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