

Converting Colors

CIELCh(73, 12.491, 25.363)

Have a look what the booklet for
CIELCh(73, 12.491, 25.363) contains.

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Color

CIELCh(73, 12.491, 25.363)

Conversions

Conversions Part 1

Format	Color
Hex	CCACAA
RGB	204, 172, 170
RGB Percent	80%, 67%, 67%
CMY	0.2006, 0.3260, 0.3339
CMYK	0.00, 0.16, 0.17, 0.20
HSL	4°, 25%, 73%
HSV	4°, 17%, 80%
XYZ	46.8290, 45.1644, 44.2095
YIQ	181.3400, 19.7140, 6.1620

Conversions

Conversions Part 2

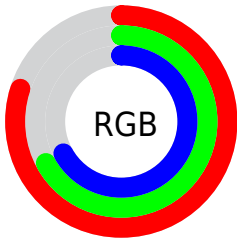
Format	Color
R_{YB}	204, 172, 170
Decimal	13413546
CIE Lab	73.00, 11.29, 5.35
CIE LCh	73, 12.491, 25.363
Yxy	45.1644, 0.3438, 0.3316
Android (android.graphics.Color)	4291603626 (0xFFCCACAA)
YUV	181.3400, -5.5906, 19.8728
Hunter-Lab	67.2044, 6.7736, 8.0400

Details

The CIELCh color **73, 12.491, 25.363** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **79, 11.183, 204.144**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 10.292, 25.774**, and **53, 12.189, 26.097** is the 20% darker color. If you saturate the color by 10%, you get **68, 20.804, 26.109**, and if you desaturate by 10%, it is **78, 4.801, 24.773**.

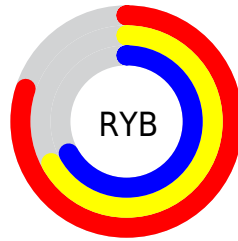
Distribution



Red (80%)

Green (67%)

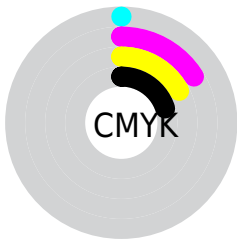
Blue (67%)



Red (80%)

Yellow (67%)

Blue (67%)

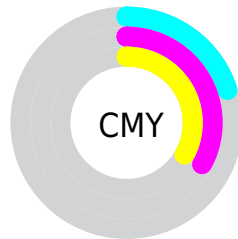


Cyan (0%)

Magenta (16%)

Yellow (17%)

Black (20%)



Cyan (20%)

Magenta (33%)

Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 12.491, 25.363 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 73, 12.491, 25.363 by changing the saturation by 10% instead.

 73, 12.491, 25.363

 73, 12.491, 25.363

 100, 12.491,
25.363

 63, 12.491, 25.363

 93, 12.491, 25.363

 53, 12.491, 25.363

 43, 12.491, 25.363

 33, 12.491, 25.363

 23, 12.491, 25.363

 13, 12.491, 25.363

 3, 12.491, 25.363

 0, 12.491, 25.363

 73, 12.491, 25.363

 73, 12.491, 25.363

68, 20.804, 26.109

78, 4.801, 24.773

63, 29.744, 27.088

84, 2.297, 204.753

58, 39.261, 28.390

89, 8.852, 204.296

54, 49.228, 30.099

95, 14.922,
204.076

50, 59.421, 32.277

97, 16.918,
198.383

47, 69.473, 34.894

45, 78.692, 37.660

43, 85.637, 39.792

43, 87.553, 40.554

Harmonies

Complementary

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



73, 12.491, 25.363



79, 11.183, 204.144

Rectangle

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



73, 12.491, 25.363



73, 12.491, 75.363



73, 12.491, 205.363



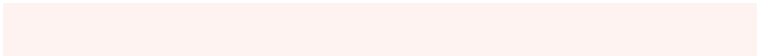
73, 12.491, 255.363

Sweetspot

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



73, 12.489, 25.373



97, 4.284, 24.665



73, 21.478, 326.729



51, 2.931, 24.715



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 12.489, 25.373



87, 18.228, 25.614



77, 11.633, 78.496



40, 4.127, 24.936



35, 74.751, 40.584



4, 17.297, 22.417

Inverse Universe

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



79, 11.183, 204.144



96, 15.904, 204.048



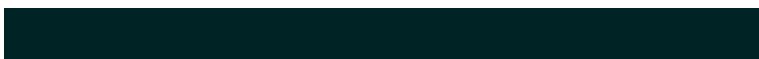
75, 11.294, 263.015



42, 3.886, 204.387



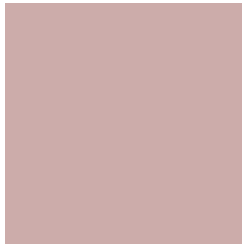
59, 33.634, 206.211



12, 12.699, 204.043

Previews

White Background



This preview shows how the CIELCh color 73, 12.491, 25.363 looks on a white background.

Color Contrast Check

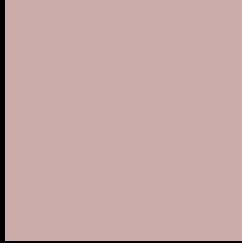
Large Text (above 18pt) WCAG AA × Fail

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 73, 12.491, 25.363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

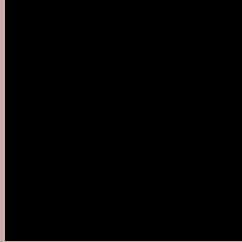
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 12.491, 25.363

Background



This preview shows how black text looks on a background with the CIELCh color 73, 12.491, 25.363.



This preview shows how white text looks on a background with the CIELCh color 73, 12.491, 25.363.

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

73, 12.491, 25.363

Protanopia

73, 3.284, 74.664

Deuteranopia

73, 10.595, 29.001



Tritanopia
73, 15.329, 353.545

Trichromacy



Original Color
73, 12.491, 25.363

Protanomaly
73, 6.133, 40.388

Deuteranomaly
73, 10.988, 28.717

Tritanomaly
73, 13.532, 4.411

Monochromacy



Original Color
73, 12.491, 25.363

Achromatopsia
74, 0.009, 296.813

Achromatomaly
73, 4.193, 27.023

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 12.491, 25.363 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(204, 172, 170)` looks like.

```
.text, #text, p{  
    color:rgb(204, 172, 170)  
}
```

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(204, 172, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 172, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 12.491, 25.363 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(204, 172, 170) }
```

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

```
.border{ border-color:rgb(204, 172, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 172, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 172, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 172, 170);  
box-shadow:4px 4px 4px 4px rgb(204, 172,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 12.491, 25.363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 172, 170) }
```

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

```
.background{ background-color: rgb(204,  
172, 170) }
```

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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