

Converting Colors

CIELCh(72, 4.795, 134.090)

Have a look what the booklet for
CIELCh(72, 4.795, 134.090) contains.

CIELCh(72, 4.750, 133.160)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(72, 4.750, 133.160)

Conversions

Conversions Part 1

Format	Color
Hex	ADB2AA
RGB	173, 178, 170
RGB Percent	68%, 70%, 67%
CMY	0.3213, 0.3017, 0.3331
CMYK	0.03, 0.00, 0.04, 0.30
HSL	98°, 5%, 68%
HSV	98°, 4%, 70%
XYZ	40.4393, 43.6590, 44.3543
YIQ	175.5930, -0.4120, -3.5480

Conversions

Conversions Part 2

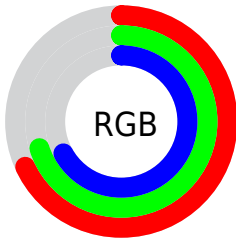
Format	Color
RYB	170, 178, 175
Decimal	11383466
CIELab	72.00, -3.25, 3.46
CIELCh	72, 4.750, 133.160
Yxy	43.6590, 0.3148, 0.3399
Android (android.graphics.Color)	4289573546 (0xFFADB2AA)
YUV	175.5930, -2.7573, -2.2741
Hunter-Lab	66.0750, -6.3853, 6.4528

Details

The CIELCh color $72, 4.750, 133.160$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $70, 4.787, 313.469$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 5.131, 134.548$, and $52, 4.376, 131.323$ is the 20% darker color. If you saturate the color by 10%, you get $71, 15.392, 132.709$, and if you desaturate by 10%, it is $73, 5.810, 313.504$.

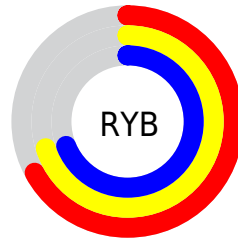
Distribution



Red (68%)

Green (70%)

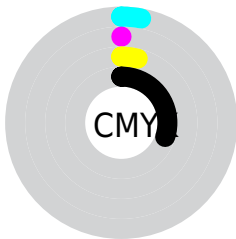
Blue (67%)



Red (67%)

Yellow (70%)

Blue (69%)

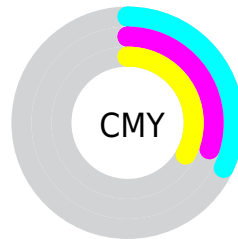


Cyan (3%)

Magenta (0%)

Yellow (4%)

Black (30%)



Cyan (32%)

Magenta (30%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 4.750, 133.160 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 72, 4.750, 133.160 by changing the saturation by 10% instead.

■ 72, 4.750, 133.160

■ 72, 4.750, 133.160

■ 100, 4.750,
133.160

■ 62, 4.750, 133.160

■ 92, 4.750, 133.160

■ 52, 4.750, 133.160

■ 42, 4.750, 133.160

■ 32, 4.750, 133.160

■ 22, 4.750, 133.160

■ 12, 4.750, 133.160

■ 2, 4.750, 133.160

■ 0, 4.750, 133.160

■ 72, 4.750, 133.160

■ 72, 4.750, 133.160

71, 15.392,
132.709

73, 5.810, 313.504

70, 26.035,
132.232

75, 16.241,
313.871

69, 36.576,
131.733

76, 26.505,
314.185

68, 46.869,
131.233

78, 36.577,
314.458

67, 56.706,
130.775

79, 44.477,
315.713

66, 65.797,
130.426

81, 45.868,
320.254

65, 73.757,
130.288

82, 47.511,
324.584

65, 80.138,
130.486

82, 48.163,
326.089

64, 84.578,

Harmonies

Complementary

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



72, 4.750, 133.160



70, 4.787, 313.469

Rectangle

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



72, 4.750, 133.160



72, 4.750, 183.160



72, 4.750, 313.160



72, 4.750, 3.160

Sweetspot

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



72, 4.752, 133.165



92, 1.301, 133.413



72, 2.909, 86.276



49, 0.745, 133.422



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



72, 4.752, 133.165



91, 6.559, 133.137



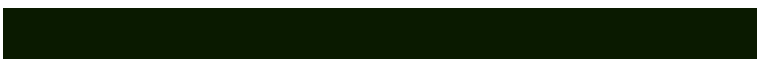
72, 4.904, 147.573



37, 3.603, 133.114



56, 77.160, 131.368



7, 14.897, 136.067

Inverse Universe

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



70, 4.787, 313.469



89, 6.609, 313.497



70, 4.921, 327.988



36, 3.630, 313.520



26, 82.896, 315.267



2, 14.185, 309.573

Previews

White Background



This preview shows how the CIELCh color 72, 4.750, 133.160 looks on a white background.

Color Contrast Check

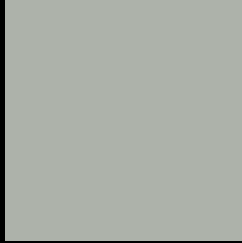
Large Text (above 18pt) WCAG AA × Fail

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 72, 4.750, 133.160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

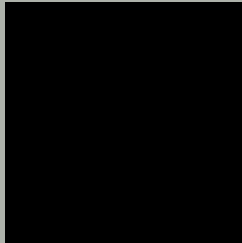
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

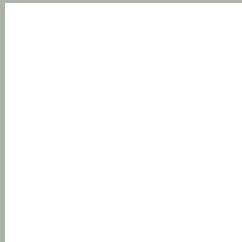
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 4.750, 133.160

Background



This preview shows how black text looks on a background with the CIELCh color 72, 4.750, 133.160.



This preview shows how white text looks on a background with the CIELCh color 72, 4.750, 133.160.

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


72, 4.750, 133.160

Protanopia

72, 4.234, 82.981

Deuteranopia

72, 9.240, 16.808



Tritanopia
72, 7.647, 293.647

Trichromacy



Original Color
72, 4.750, 133.160

Protanomaly
72, 4.348, 104.716

Deuteranomaly
72, 5.224, 37.826

Tritanomaly
72, 3.288, 284.082

Monochromacy



Original Color
72, 4.750, 133.160

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 1.795, 134.688

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 4.750, 133.160 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(173, 178, 170)` looks like.

```
.text, #text, p{  
    color:rgb(173, 178, 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(173, 178, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 178, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 4.750, 133.160 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(173, 178, 170) }
```

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

```
.border{ border-color:rgb(173, 178, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 178, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 178, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 178, 170);  
box-shadow:4px 4px 4px 4px rgb(173, 178,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 4.750, 133.160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 178, 170) }
```

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

```
.background{ background-color: rgb(173,  
178, 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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