

Converting Colors

CIELCh(72, 22.744, 132.211)

Have a look what the booklet for
CIELCh(72, 22.744, 132.211)
contains.

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Color

CIELCh(72, 23.076, 132.069)

Conversions

Conversions Part 1

Format	Color
Hex	A0B891
RGB	160, 184, 145
RGB Percent	63%, 72%, 57%
CMY	0.3735, 0.2794, 0.4323
CMYK	0.13, 0.00, 0.21, 0.28
HSL	97°, 21%, 64%
HSV	97°, 21%, 72%
XYZ	36.6262, 43.6590, 33.1854
YIQ	172.3780, -1.7850, -17.2170

Conversions

Conversions Part 2

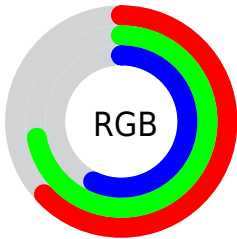
Format	Color
RYB	145, 184, 169
Decimal	10533009
CIELab	72.00, -15.46, 17.13
CIElCh	72, 23.076, 132.069
Yxy	43.6590, 0.3228, 0.3848
Android (android.graphics.Color)	4288723089 (0xFFA0B891)
YUV	172.3780, -13.4974, -10.8555
Hunter-Lab	66.0750, -16.6865, 16.4748

Details

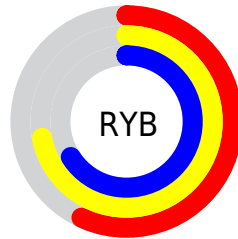
The CIELCh color **72, 23.076, 132.069** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **63, 23.571, 313.897**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 23.037, 132.064**, and **52, 23.331, 131.967** is the 20% darker color. If you saturate the color by 10%, you get **71, 33.908, 131.579**, and if you desaturate by 10%, it is **73, 12.181, 132.538**.

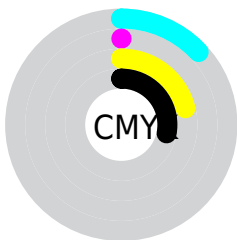
Distribution



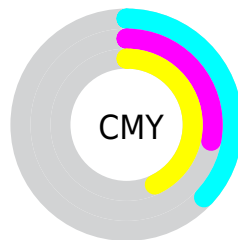
- Red (63%)
- Green (72%)
- Blue (57%)



- Red (57%)
- Yellow (72%)
- Blue (66%)



- Cyan (13%)
- Magenta (0%)
- Yellow (21%)
- Black (28%)





- Cyan (37%)
- Magenta (28%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 23.076, 132.069 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, 23.076, 132.069 by changing the saturation by 10% instead.


 72, 23.076,
132.069


 72, 23.076,
132.069


 100, 23.076,
132.069


 62, 23.076,
132.069


 92, 23.076,
132.069

 52, 23.076,
132.069

 42, 23.076,
132.069

 32, 23.076,
132.069

 22, 23.076,
132.069

 12, 23.076,
132.069

 2, 23.076, 132.069

0, 23.076, 132.069

72, 23.076,
132.069

72, 23.076,
132.069

71, 33.908,
131.579

73, 12.181,
132.538

70, 44.537,
131.079

75, 1.312, 133.060

69, 54.775,
130.607

76, 9.459, 313.314

68, 64.354,
130.223

77, 20.086,
313.662

68, 72.908,
130.019

79, 30.534,
313.964

67, 79.988,
130.113

81, 40.781,
314.229

82, 42.175,

■ 66, 85.170,
130.628

319.266

■ 66, 88.307,
131.347

■ 83, 43.856,
324.042

■ 83, 44.646,
325.971

Harmonies

Complementary

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



72, 23.076, 132.069



63, 23.571, 313.897

Rectangle

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



72, 23.076, 132.069



72, 23.076, 182.069



72, 23.076, 312.069



72, 23.076, 2.069

Sweetspot

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



72, 23.078, 132.071



94, 8.065, 132.769



70, 14.250, 82.694



50, 5.349, 132.740



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



72, 23.078, 132.071



91, 33.738, 131.866



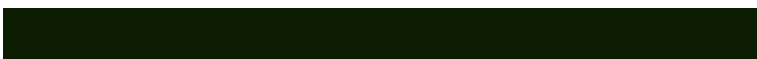
71, 24.257, 145.869



38, 6.142, 132.623



57, 77.913, 131.154



8, 17.343, 136.312

Inverse Universe

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



63, 23.571, 313.897



78, 34.607, 314.088



65, 24.296, 328.484



36, 6.205, 313.368



26, 84.080, 314.980



2, 16.314, 308.995

Previews

White Background



This preview shows how the CIELCh color 72, 23.076, 132.069 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 72, 23.076, 132.069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

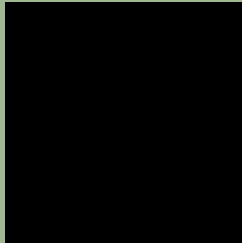
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 23.076, 132.069

Background



This preview shows how black text looks on a background with the CIELCh color 72, 23.076, 132.069.



This preview shows how white text looks on a background with the CIELCh color 72, 23.076, 132.069.

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, 23.076, 132.069

Protanopia
72, 19.452, 95.024

Deuteranopia
72, 18.033, 59.118



Tritanopia
72, 8.345, 265.616

Trichromacy



Original Color
72, 23.076, 132.069

Protanomaly
72, 19.973, 110.502

Deuteranomaly
72, 15.557, 89.098

Tritanomaly
72, 6.222, 173.004

Monochromacy



Original Color
72, 23.076, 132.069

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 8.233, 131.209

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 23.076, 132.069 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(160, 184, 145)` looks like.

```
.text, #text, p{  
    color:rgb(160, 184, 145)  
}
```

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(160, 184, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 184, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 23.076, 132.069 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(160, 184, 145) }
```

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

```
.border{ border-color:rgb(160, 184, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 184, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 184, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 184, 145);  
box-shadow:4px 4px 4px 4px rgb(160, 184,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 23.076, 132.069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 184, 145) }
```

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

```
.background{ background-color: rgb(160,  
184, 145) }
```

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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