

Converting Colors

CIELCh(72, 28.890, 123.543)

Have a look what the booklet for
CIELCh(72, 28.890, 123.543)
contains.

CIELCh(72, 29.025, 123.499)	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, 29.025, 123.499)

Conversions

Conversions Part 1

Format	Color
Hex	A4B884
RGB	164, 184, 132
RGB Percent	64%, 72%, 52%
CMY	0.3581, 0.2797, 0.4836
CMYK	0.11, 0.00, 0.28, 0.28
HSL	83°, 27%, 62%
HSV	83°, 28%, 72%
XYZ	36.4579, 43.6590, 28.2233
YIQ	172.0920, 4.7720, -20.4120

Conversions

Conversions Part 2

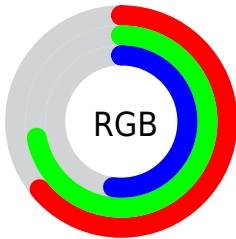
Format	Color
RYB	132, 184, 152
Decimal	10795140
CIELab	72.00, -16.02, 24.20
CIELCh	72, 29.025, 123.499
Yxy	43.6590, 0.3365, 0.4030
Android (android.graphics.Color)	4288985220 (0xFFA4B884)
YUV	172.0920, -19.7654, -7.0967
Hunter-Lab	66.0750, -17.1411, 20.9273

Details

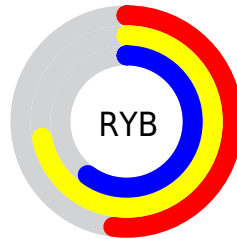
The CIELCh color **72, 29.025, 123.499** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **59, 30.488, 306.556**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 29.242, 123.652**, and **52, 28.995, 123.204** is the 20% darker color. If you saturate the color by 10%, you get **71, 39.045, 122.990**, and if you desaturate by 10%, it is **73, 18.823, 124.025**.

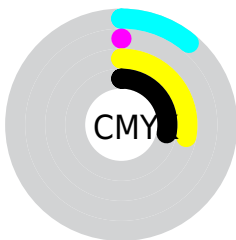
Distribution



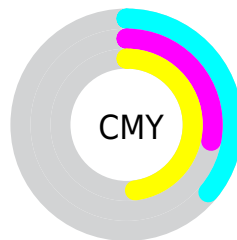
- Red (64%)
- Green (72%)
- Blue (52%)



- Red (52%)
- Yellow (72%)
- Blue (60%)



- Cyan (11%)
- Magenta (0%)
- Yellow (28%)
- Black (28%)



- Cyan (36%)
- Magenta (28%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 29.025, 123.499 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, 29.025, 123.499 by changing the saturation by 10% instead.

 72, 29.025,
123.499

 72, 29.025,
123.499

 100, 29.025,
123.499

 62, 29.025,
123.499

 92, 29.025,
123.499

 52, 29.025,
123.499

 42, 29.025,
123.499

 32, 29.025,
123.499

 22, 29.025,
123.499

 12, 29.025,
123.499

 2, 29.025, 123.499

0, 29.025, 123.499

72, 29.025,
123.499

72, 29.025,
123.499

71, 39.045,
122.990

73, 18.823,
124.025

70, 48.724,
122.526

74, 8.539, 124.543

70, 57.841,
122.164

75, 1.754, 304.984

76, 12.004,
305.482

69, 66.073,
121.981

77, 22.175,
305.913

69, 73.004,
122.085

78, 32.240,
306.310

68, 78.198,
122.595

79, 39.492,

■ 68, 81.561,
123.541

307.528

■ 68, 82.074,
123.706

■ 80, 40.080,
310.840

■ 81, 40.791,
314.093

Harmonies

Complementary

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



72, 29.025, 123.499



59, 30.488, 306.556

Rectangle

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



72, 29.025, 123.499



72, 29.025, 173.499



72, 29.025, 303.499



72, 29.025, 353.499

Sweetspot

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



72, 29.027, 123.501



94, 10.214, 124.552



65, 17.427, 59.198



50, 7.256, 124.475



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, 29.027, 123.501



91, 43.146, 123.177



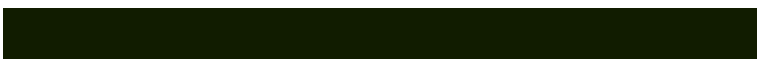
70, 33.370, 139.616



38, 5.825, 124.490



58, 72.476, 123.500



9, 16.396, 129.262

Inverse Universe

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



59, 30.488, 306.556



71, 45.884, 306.977



61, 33.599, 322.570



36, 5.922, 305.415



21, 88.224, 309.739



1, 15.713, 301.299

Previews

White Background



This preview shows how the CIELCh color 72, 29.025, 123.499 looks on a white background.

Color Contrast Check

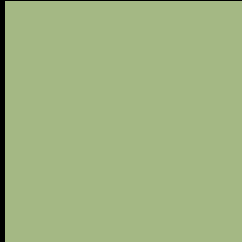
Large Text (above 18pt) WCAG AA × Fail

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, 29.025, 123.499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

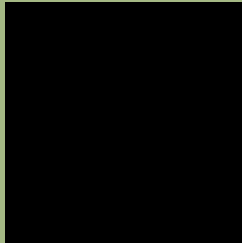
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 29.025, 123.499

Background



This preview shows how black text looks on a background with the CIELCh color 72, 29.025, 123.499.



This preview shows how white text looks on a background with the CIELCh color 72, 29.025, 123.499.

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](#).

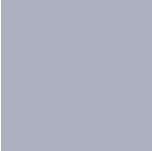
Dichromacy



Original Color
72, 29.025, 123.499

Protanopia
72, 26.448, 95.808

Deuteranopia
72, 24.544, 68.198



Tritanopia
72, 7.735, 280.198

Trichromacy



Original Color
72, 29.025, 123.499

Protanomaly
72, 26.860, 106.633

Deuteranomaly
72, 22.788, 90.089

Tritanomaly
72, 6.644, 144.163

Monochromacy



Original Color
72, 29.025, 123.499

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 10.693, 123.806

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 29.025, 123.499 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(164, 184, 132)` looks like.

```
.text, #text, p{  
    color:rgb(164, 184, 132)  
}
```

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(164, 184, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 184, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 29.025, 123.499 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(164, 184, 132) }
```

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

```
.border{ border-color:rgb(164, 184, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 184, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 184, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 184, 132);  
box-shadow:4px 4px 4px 4px rgb(164, 184,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 29.025, 123.499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 184, 132) }
```

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

```
.background{ background-color: rgb(164,  
184, 132) }
```

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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