

Converting Colors

CIELCh(72, 24.068, 116.758)

Have a look what the booklet for
CIELCh(72, 24.068, 116.758)
contains.

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Color

CIELCh(72, 23.947, 116.536)

Conversions

Conversions Part 1

Format	Color
Hex	ACB589
RGB	172, 181, 137
RGB Percent	67%, 71%, 54%
CMY	0.3252, 0.2899, 0.4625
CMYK	0.05, 0.00, 0.24, 0.29
HSL	72°, 23%, 62%
HSV	72°, 24%, 71%
XYZ	38.0834, 43.6590, 30.1094
YIQ	173.2930, 8.7600, -15.5920

Conversions

Conversions Part 2

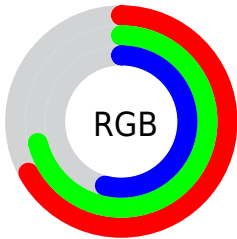
Format	Color
R _Y B	137, 181, 146
Decimal	11318665
CIE Lab	72.00, -10.70, 21.42
CIE LCh	72, 23.947, 116.536
Yxy	43.6590, 0.3405, 0.3903
Android (android.graphics.Color)	4289508745 (0xFFACB589)
YUV	173.2930, -17.8924, -1.1340
Hunter-Lab	66.0750, -12.7497, 19.2349

Details

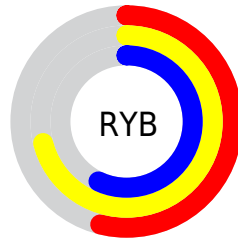
The CIELCh color **72, 23.947, 116.536** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **59, 25.230, 300.065**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 23.823, 116.483**, and **52, 23.729, 116.706** is the 20% darker color. If you saturate the color by 10%, you get **71, 33.590, 115.868**, and if you desaturate by 10%, it is **73, 14.142, 117.219**.

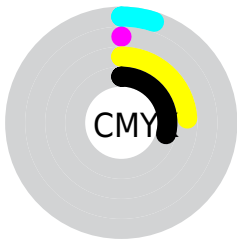
Distribution



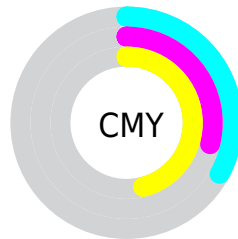
- Red (67%)
- Green (71%)
- Blue (54%)



- Red (54%)
- Yellow (71%)
- Blue (57%)



- Cyan (5%)
- Magenta (0%)
- Yellow (24%)
- Black (29%)





- Cyan (33%)
- Magenta (29%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 23.947, 116.536 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, 23.947, 116.536 by changing the saturation by 10% instead.


 72, 23.947,
116.536


 72, 23.947,
116.536


 100, 23.947,
116.536


 62, 23.947,
116.536


 92, 23.947,
116.536

 52, 23.947,
116.536

 42, 23.947,
116.536

 32, 23.947,
116.536

 22, 23.947,
116.536

 12, 23.947,
116.536

 2, 23.947, 116.536

■ 0, 23.947, 116.536

■ 72, 23.947,
116.536

■ 72, 23.947,
116.536

■ 71, 33.590,
115.868

■ 73, 14.142,
117.219

■ 71, 42.940,
115.234

■ 73, 4.255, 117.891

■ 70, 51.807,
114.674

■ 74, 5.654, 298.536

■ 75, 15.545,
299.158

■ 70, 59.909,
114.248

■ 76, 25.388,
299.746

■ 70, 66.861,
114.029

■ 77, 35.162,
300.300

■ 69, 72.216,
114.111

■ 77, 40.219,

■ 69, 75.622,
114.572

301.391

■ 69, 76.989,
114.942

■ 78, 40.387,
303.081

■ 78, 40.587,
304.771

Harmonies

Complementary

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



72, 23.947, 116.536



59, 25.230, 300.065

Rectangle

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



72, 23.947, 116.536



72, 23.947, 166.536



72, 23.947, 296.536



72, 23.947, 346.536

Sweetspot

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



72, 23.949, 116.539



92, 8.548, 117.703



63, 15.303, 39.171



49, 5.550, 117.664



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, 23.949, 116.539



90, 35.172, 116.189



70, 26.761, 134.620



39, 5.669, 117.554



60, 68.782, 114.812



9, 15.657, 121.206

Inverse Universe

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



59, 25.230, 300.065



72, 37.524, 300.557



61, 27.247, 316.756



36, 5.784, 298.822



19, 90.937, 307.390



1, 15.488, 296.199

Previews

White Background



This preview shows how the CIELCh color 72, 23.947, 116.536 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, 23.947, 116.536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

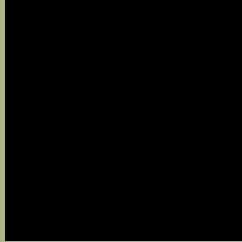
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

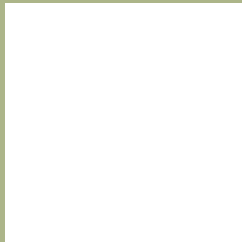
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 23.947, 116.536

Background



This preview shows how black text looks on a background with the CIELCh color 72, 23.947, 116.536.



This preview shows how white text looks on a background with the CIELCh color 72, 23.947, 116.536.

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, 23.947, 116.536

Protanopia
72, 22.695, 95.435

Deuteranopia
72, 22.131, 65.000



Tritanopia
72, 7.878, 304.316

Trichromacy



Original Color
72, 23.947, 116.536

Protanomaly
72, 22.692, 103.811

Deuteranomaly
72, 20.400, 83.375

Tritanomaly
72, 4.357, 114.739

Monochromacy



Original Color
72, 23.947, 116.536

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 8.773, 116.893

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 23.947, 116.536 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(172, 181, 137)` looks like.

```
.text, #text, p{  
    color:rgb(172, 181, 137)  
}
```

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(172, 181, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 181, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 23.947, 116.536 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(172, 181, 137) }
```

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

```
.border{ border-color:rgb(172, 181, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 181, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 181, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 181, 137);  
box-shadow:4px 4px 4px 4px rgb(172, 181,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 23.947, 116.536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 181, 137) }
```

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

```
.background{ background-color: rgb(172,  
181, 137) }
```

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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