

Converting Colors

CIELCh(72, 34.146, 106.087)

Have a look what the booklet for
CIELCh(72, 34.146, 106.087)
contains.

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Color

CIELCh(72, 34.146, 106.087)

Conversions

Conversions Part 1

Format	Color
Hex	B5B474
RGB	181, 180, 116
RGB Percent	71%, 71%, 45%
CMY	0.2907, 0.2946, 0.5456
CMYK	0.00, 0.01, 0.36, 0.29
HSL	59°, 30%, 58%
HSV	59°, 36%, 71%
XYZ	38.4681, 43.6590, 22.8867
YIQ	173.0030, 21.1400, -19.6920

Conversions

Conversions Part 2

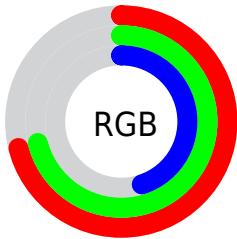
Format	Color
RYB	117, 181, 116
Decimal	11908212
CIELab	72.00, -9.46, 32.81
CIELCh	72, 34.146, 106.087
Yxy	43.6590, 0.3663, 0.4157
Android (android.graphics.Color)	4290098292 (0xFFB5B474)
YUV	173.0030, -28.1025, 7.0134
Hunter-Lab	66.0750, -11.7106, 25.7160

Details

The CIELCh color $72, 34.146, 106.087$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $52, 37.243, 294.205$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 34.160, 106.105$, and $52, 33.716, 105.851$ is the 20% darker color. If you saturate the color by 10%, you get $72, 43.170, 105.158$, and if you desaturate by 10%, it is $72, 24.813, 107.053$.

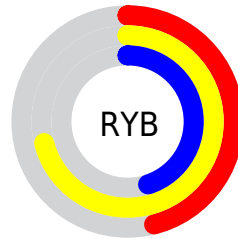
Distribution



Red (71%)

Green (71%)

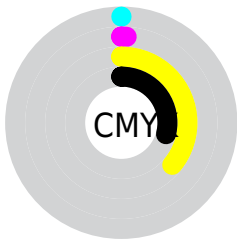
Blue (45%)



Red (46%)

Yellow (71%)

Blue (45%)

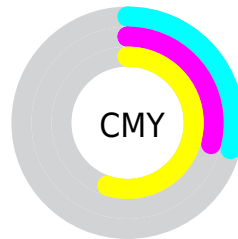


Cyan (0%)

Magenta (1%)

Yellow (36%)

Black (29%)



Cyan (29%)


Magenta (29%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 34.146, 106.087 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, 34.146, 106.087 by changing the saturation by 10% instead.


 72, 34.146,
106.087


 72, 34.146,
106.087


 100, 34.146,
106.087


 62, 34.146,
106.087


 92, 34.146,
106.087

 52, 34.146,
106.087

 42, 34.146,
106.087

 32, 34.146,
106.087

 22, 34.146,
106.087

 12, 34.146,
106.087

 2, 34.146, 106.087

■ 0, 34.146, 106.087

■ 72, 34.146,
106.087

■ 72, 34.146,
106.087

■ 72, 43.170,
105.158

■ 72, 24.813,
107.053

■ 71, 51.673,
104.283

■ 73, 15.303,
108.026

■ 71, 59.349,
103.495

■ 73, 5.703, 108.988

■ 74, 3.931, 289.969

■ 71, 65.782,
102.832

■ 74, 13.563,
290.884

■ 71, 70.507,
102.327

■ 75, 23.169,
291.775

■ 71, 73.223,
101.998

■ 76, 32.731,

■ 71, 74.038,
101.890

292.630

■ 76, 39.260,
293.154

■ 76, 39.102,
293.010

Harmonies

Complementary

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



72, 34.146, 106.087



52, 37.243, 294.205

Rectangle

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



72, 34.146, 106.087



72, 34.146, 156.087



72, 34.146, 286.087



72, 34.146, 336.087

Sweetspot

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



72, 34.147, 106.090



92, 13.067, 108.485



56, 27.643, 21.394



49, 8.771, 108.357



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, 34.147, 106.090



91, 50.074, 105.361



70, 37.094, 126.805



38, 5.388, 108.666



61, 65.448, 101.903



8, 12.993, 109.190

Inverse Universe

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



52, 37.243, 294.205



60, 55.974, 295.599



54, 39.097, 310.287



34, 5.503, 290.530



17, 90.622, 306.056



1, 13.159, 289.707

Previews

White Background



This preview shows how the CIELCh color 72, 34.146, 106.087 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, 34.146, 106.087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

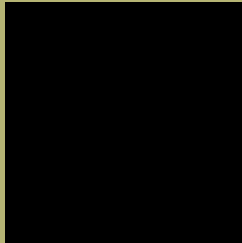
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

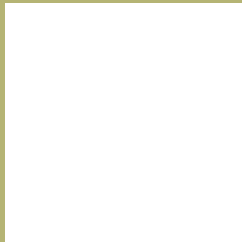
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 34.146, 106.087

Background



This preview shows how black text looks on a background with the CIELCh color 72, 34.146, 106.087.



This preview shows how white text looks on a background with the CIELCh color 72, 34.146, 106.087.

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, 34.146, 106.087

Protanopia

72, 33.962, 95.299

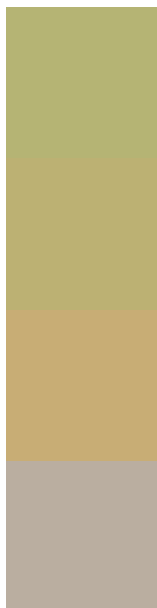
Deuteranopia

72, 33.292, 74.698



Tritanopia
72, 10.190, 331.886

Trichromacy



Original Color
72, 34.146, 106.087

Protanomaly
72, 33.541, 98.883

Deuteranomaly
72, 32.429, 86.371

Tritanomaly
72, 8.926, 77.690

Monochromacy



Original Color
72, 34.146, 106.087

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 13.012, 108.878

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 34.146, 106.087 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(181, 180, 116)` looks like.

```
.text, #text, p{  
    color:rgb(181, 180, 116)  
}
```

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(181, 180, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 180, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 34.146, 106.087 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(181, 180, 116) }
```

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

```
.border{ border-color:rgb(181, 180, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 180, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 180, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 180, 116);  
box-shadow:4px 4px 4px 4px rgb(181, 180,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 34.146, 106.087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 180, 116) }
```

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

```
.background{ background-color: rgb(181,  
180, 116) }
```

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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