

Converting Colors

CIELCh(72, 36.775, 100.858)

Have a look what the booklet for
CIELCh(72, 36.775, 100.858)
contains.

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Color

CIELCh(72, 36.479, 100.537)

Conversions

Conversions Part 1

Format	Color
Hex	BBB26E
RGB	187, 178, 110
RGB Percent	73%, 70%, 43%
CMY	0.2657, 0.3010, 0.5678
CMYK	0.00, 0.05, 0.41, 0.27
HSL	53°, 36%, 58%
HSV	53°, 41%, 73%
XYZ	39.3455, 43.6590, 21.1677
YIQ	172.9390, 27.1920, -19.2400

Conversions

Conversions Part 2

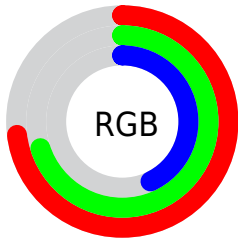
Format	Color
RYB	120, 187, 110
Decimal	12300910
CIELab	72.00, -6.67, 35.86
CIELCh	72, 36.479, 100.537
Yxy	43.6590, 0.3777, 0.4191
Android (android.graphics.Color)	4290490990 (0xFFBBB26E)
YUV	172.9390, -31.0289, 12.3315
Hunter-Lab	66.0750, -9.3403, 27.2584

Details

The CIELCh color **72, 36.479, 100.537** is a light color, and the websafe version is hex **999966**. A complement of this color would be **52, 39.481, 290.929**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 36.422, 100.993**, and **52, 36.465, 101.122** is the 20% darker color. If you saturate the color by 10%, you get **71, 44.924, 99.456**, and if you desaturate by 10%, it is **73, 27.745, 101.634**.

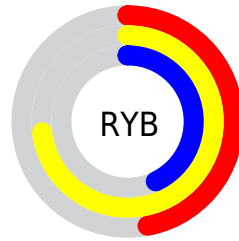
Distribution



Red (73%)

Green (70%)

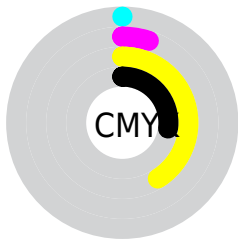
Blue (43%)



Red (47%)

Yellow (73%)

Blue (43%)

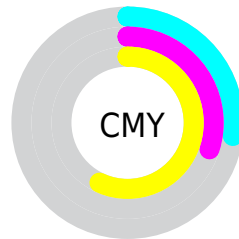


Cyan (0%)

Magenta (5%)

Yellow (41%)

Black (27%)



Cyan (27%)


Magenta (30%)


Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 36.479, 100.537 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, 36.479, 100.537 by changing the saturation by 10% instead.


 72, 36.479,
100.537


 72, 36.479,
100.537


 100, 36.479,
100.537


 62, 36.479,
100.537


 92, 36.479,
100.537

 52, 36.479,
100.537

 42, 36.479,
100.537

 32, 36.479,
100.537

 22, 36.479,
100.537

 12, 36.479,
100.537

 2, 36.479, 100.537

■ 0, 36.479, 100.537

■ 72, 36.479,
100.537

■ 72, 36.479,
100.537

■ 71, 44.924, 99.456

■ 73, 27.745,
101.634

■ 70, 52.837, 98.396

■ 74, 18.866,
102.724

■ 70, 59.851, 97.377

■ 69, 65.461, 96.409

■ 75, 9.934, 103.794

■ 68, 69.122, 95.490

■ 76, 1.002, 104.746

■ 68, 70.845, 94.699

■ 77, 7.898, 285.886

■ 78, 16.747,
286.859

■ 79, 25.534,
287.794

■ 80, 31.610,
288.036

■ 81, 30.447,
286.409

Harmonies

Complementary

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



72, 36.479, 100.537



52, 39.481, 290.929

Rectangle

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



72, 36.479, 100.537



72, 36.479, 150.537



72, 36.479, 280.537



72, 36.479, 330.537

Sweetspot

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



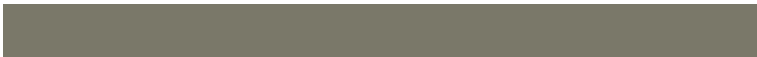
72, 36.480, 100.541



94, 13.201, 103.682



55, 32.630, 13.417



50, 8.829, 103.543



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



72, 36.480, 100.541



90, 53.155, 99.601



72, 42.317, 122.141



39, 5.087, 103.980



58, 62.570, 94.814



10, 14.488, 100.518

Inverse Universe

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



52, 39.481, 290.929



61, 58.954, 292.727



52, 45.741, 306.866



37, 5.171, 286.022



20, 87.559, 304.414



2, 15.975, 287.161

Previews

White Background



This preview shows how the CIELCh color 72, 36.479, 100.537 looks on a white background.

Color Contrast Check

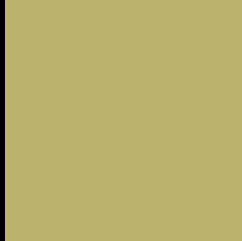
Large Text (above 18pt) WCAG AA × Fail

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, 36.479, 100.537 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, 36.479, 100.537

Background



This preview shows how black text looks on a background with the CIELCh color 72, 36.479, 100.537.



This preview shows how white text looks on a background with the CIELCh color 72, 36.479, 100.537.

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, 36.479, 100.537

Protanopia

72, 36.095, 95.024

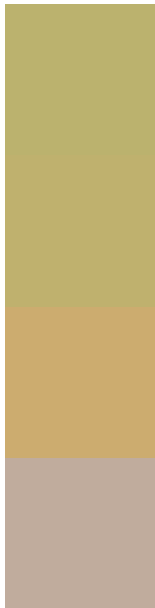
Deuteranopia

72, 36.578, 75.759



Tritanopia
72, 12.404, 342.691

Trichromacy



Original Color
72, 36.479, 100.537

Protanomaly
72, 36.314, 97.133

Deuteranomaly
72, 35.804, 84.240

Tritanomaly
72, 11.379, 65.302

Monochromacy



Original Color
72, 36.479, 100.537

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 13.609, 103.810

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 36.479, 100.537 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(187, 178, 110)` looks like.

```
.text, #text, p{  
    color:rgb(187, 178, 110)  
}
```

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(187, 178, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 178, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 36.479, 100.537 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(187, 178, 110) }
```

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

```
.border{ border-color:rgb(187, 178, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 178, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 178, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 178, 110);  
box-shadow:4px 4px 4px 4px rgb(187, 178,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 36.479, 100.537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 178, 110) }
```

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

```
.background{ background-color: rgb(187,  
178, 110) }
```

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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