

Converting Colors

CIELCh(72, 44.327, 91.799)

Have a look what the booklet for
CIELCh(72, 44.327, 91.799) contains.

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Color

CIELCh(72, 44.438, 91.618)

Conversions

Conversions Part 1

Format	Color
Hex	C8AF5E
RGB	200, 175, 94
RGB Percent	78%, 69%, 37%
CMY	0.2164, 0.3143, 0.6320
CMYK	0.00, 0.13, 0.53, 0.22
HSL	46°, 49%, 58%
HSV	46°, 53%, 78%
XYZ	41.0862, 43.6590, 16.8157
YIQ	173.2410, 40.9010, -19.8910

Conversions

Conversions Part 2

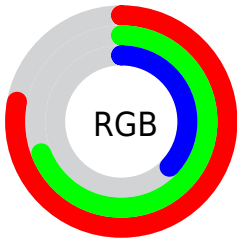
Format	Color
RYB	127, 200, 94
Decimal	13152094
CIELab	72.00, -1.25, 44.42
CIELCh	72, 44.438, 91.618
Yxy	43.6590, 0.4045, 0.4299
Android (android.graphics.Color)	4291342174 (0xFFC8AF5E)
YUV	173.2410, -39.0658, 23.4676
Hunter-Lab	66.0750, -4.6379, 31.1635

Details

The CIELCh color **72, 44.438, 91.618** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **51, 47.206, 287.469**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 44.032, 93.318**, and **52, 44.521, 91.533** is the 20% darker color. If you saturate the color by 10%, you get **71, 52.301, 90.295**, and if you desaturate by 10%, it is **74, 36.173, 92.919**.

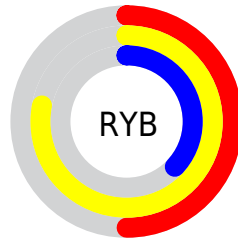
Distribution



Red (78%)

Green (69%)

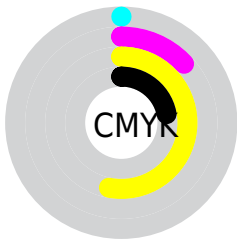
Blue (37%)



Red (50%)

Yellow (78%)

Blue (37%)

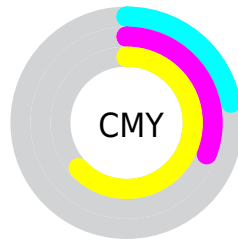


Cyan (0%)

Magenta (13%)

Yellow (53%)

Black (22%)



Cyan (22%)

Magenta (31%)

Yellow (63%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 44.438, 91.618 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, 44.438, 91.618 by changing the saturation by 10% instead.

 72, 44.438, 91.618

 72, 44.438, 91.618

 100, 44.438,
91.618

 62, 44.438, 91.618

 92, 44.438, 91.618

 52, 44.438, 91.618

 42, 44.438, 91.618

 32, 44.438, 91.618

 22, 44.438, 91.618

 12, 44.438, 91.618

 2, 44.438, 91.618

 0, 44.438, 91.618

 72, 44.438, 91.618

 72, 44.438, 91.618

71, 52.301, 90.295

74, 36.173, 92.919

69, 59.368, 88.922

75, 27.741, 94.190

68, 65.050, 87.460

77, 19.276, 95.432

67, 68.656, 85.831

78, 10.851, 96.635

66, 70.074, 84.594

80, 2.504, 97.753

82, 5.745, 278.985

84, 13.892,
280.049

85, 21.934,
281.079

87, 20.426,
275.649

Harmonies

Complementary

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



72, 44.438, 91.618



51, 47.206, 287.469

Rectangle

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



72, 44.438, 91.618



72, 44.438, 141.618



72, 44.438, 271.618



72, 44.438, 321.618

Sweetspot

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



72, 44.439, 91.622



97, 16.265, 96.256



54, 45.163, 7.054



51, 10.993, 96.005



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 44.439, 91.622



88, 64.536, 90.040



77, 55.311, 116.723



41, 4.692, 97.062



54, 60.369, 84.904



10, 15.396, 89.147

Inverse Universe

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



51, 47.206, 287.469



58, 70.759, 290.701



47, 62.790, 304.464



39, 4.733, 279.339



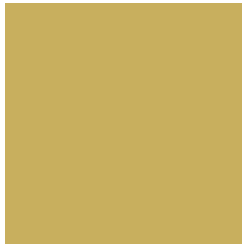
24, 79.716, 300.895



3, 18.032, 284.773

Previews

White Background



This preview shows how the CIELCh color 72, 44.438, 91.618 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, 44.438, 91.618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

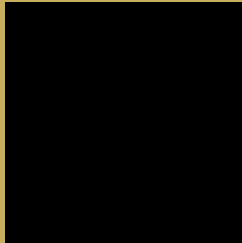
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 44.438, 91.618

Background



This preview shows how black text looks on a background with the CIELCh color 72, 44.438, 91.618.



This preview shows how white text looks on a background with the CIELCh color 72, 44.438, 91.618.

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, 44.438, 91.618

Protanopia

72, 44.616, 95.670

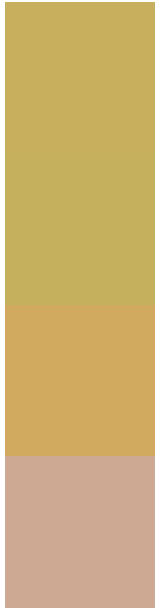
Deuteranopia

72, 45.006, 78.109



Tritanopia
72, 17.857, 357.898

Trichromacy



Original Color
72, 44.438, 91.618

Protanomaly
72, 44.444, 93.925

Deuteranomaly
72, 44.140, 82.593

Tritanomaly
72, 19.058, 58.729

Monochromacy



Original Color
72, 44.438, 91.618

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 16.670, 95.988

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 44.438, 91.618 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(200, 175, 94)` looks like.

```
.text, #text, p{  
    color:rgb(200, 175, 94)  
}
```

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(200, 175, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 175, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 44.438, 91.618 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(200, 175, 94) }
```

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

```
.border{ border-color:rgb(200, 175, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 175, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 175, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 175, 94);  
box-shadow:4px 4px 4px 4px rgb(200, 175,  
94) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 44.438, 91.618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 175, 94) }
```

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

```
.background{ background-color: rgb(200,  
175, 94) }
```

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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