

Converting Colors

CIELCh(72, 46.889, 99.463)

Have a look what the booklet for
CIELCh(72, 46.889, 99.463) contains.

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Color

CIELCh(72, 46.577, 99.112)

Conversions

Conversions Part 1

Format	Color
Hex	BEB25A
RGB	190, 178, 90
RGB Percent	75%, 70%, 35%
CMY	0.2539, 0.3010, 0.6462
CMYK	0.00, 0.06, 0.53, 0.25
HSL	53°, 44%, 55%
HSV	53°, 53%, 75%
XYZ	39.1225, 43.6590, 16.0889
YIQ	171.5560, 35.4000, -24.8240

Conversions

Conversions Part 2

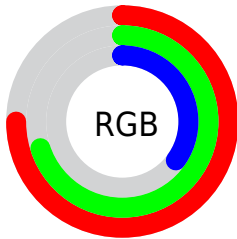
Format	Color
RYB	104, 190, 90
Decimal	12497498
CIELab	72.00, -7.38, 45.99
CIELCh	72, 46.577, 99.112
Yxy	43.6590, 0.3957, 0.4416
Android (android.graphics.Color)	4290687578 (0xFFBEB25A)
YUV	171.5560, -40.2071, 16.1754
Hunter-Lab	66.0750, -9.9427, 31.8157

Details

The CIELCh color **72, 46.577, 99.112** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **46, 52.069, 293.224**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 46.901, 99.432**, and **52, 46.853, 99.534** is the 20% darker color. If you saturate the color by 10%, you get **71, 54.474, 98.052**, and if you desaturate by 10%, it is **73, 38.102, 100.204**.

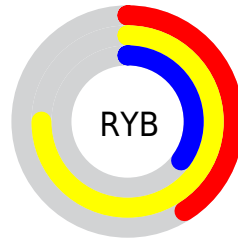
Distribution



Red (75%)

Green (70%)

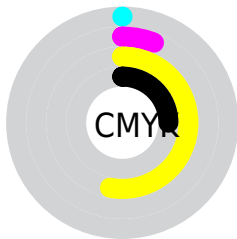
Blue (35%)



Red (41%)

Yellow (75%)

Blue (35%)

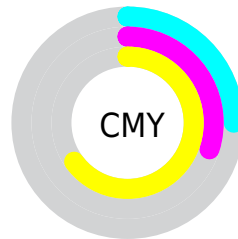


Cyan (0%)

Magenta (6%)

Yellow (53%)

Black (25%)



Cyan (25%)

Magenta (30%)

Yellow (65%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 46.577, 99.112 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, 46.577, 99.112 by changing the saturation by 10% instead.

 72, 46.577, 99.112

 72, 46.577, 99.112

 100, 46.577,
99.112

 62, 46.577, 99.112

 92, 46.577, 99.112

 52, 46.577, 99.112

 42, 46.577, 99.112

 32, 46.577, 99.112

 22, 46.577, 99.112

 12, 46.577, 99.112

 2, 46.577, 99.112

 0, 46.577, 99.112

 72, 46.577, 99.112

 72, 46.577, 99.112

71, 54.474, 98.052

73, 38.102,
100.204

70, 61.395, 97.029

74, 29.305,
101.303

70, 66.811, 96.055

69, 70.180, 95.122

75, 20.349,
102.399

69, 71.547, 94.445

76, 11.331,
103.477

77, 2.309, 104.497

78, 6.683, 285.589

79, 15.624,
286.568

80, 24.503,
287.512

81, 29.916,
287.529

Harmonies

Complementary

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



72, 46.577, 99.112



46, 52.069, 293.224

Rectangle

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



72, 46.577, 99.112



72, 46.577, 149.112



72, 46.577, 279.112



72, 46.577, 329.112

Sweetspot

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



72, 46.578, 99.115



95, 17.851, 103.083



51, 43.073, 15.798



51, 12.151, 102.858



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



72, 46.578, 99.115



90, 67.648, 97.902



73, 53.996, 121.632



39, 5.070, 103.818



58, 62.450, 94.573



10, 14.426, 100.289

Inverse Universe

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



46, 52.069, 293.224



52, 78.886, 296.006



46, 59.949, 307.734



37, 5.153, 285.866



20, 87.350, 304.346



2, 15.936, 287.059

Previews

White Background



This preview shows how the CIELCh color 72, 46.577, 99.112 looks on a white background.

Color Contrast Check

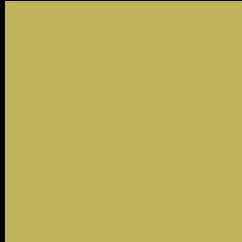
Large Text (above 18pt) WCAG AA × Fail

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, 46.577, 99.112 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, 46.577, 99.112

Background



This preview shows how black text looks on a background with the CIELCh color 72, 46.577, 99.112.



This preview shows how white text looks on a background with the CIELCh color 72, 46.577, 99.112.

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, 46.577, 99.112

Protanopia

72, 46.546, 95.858

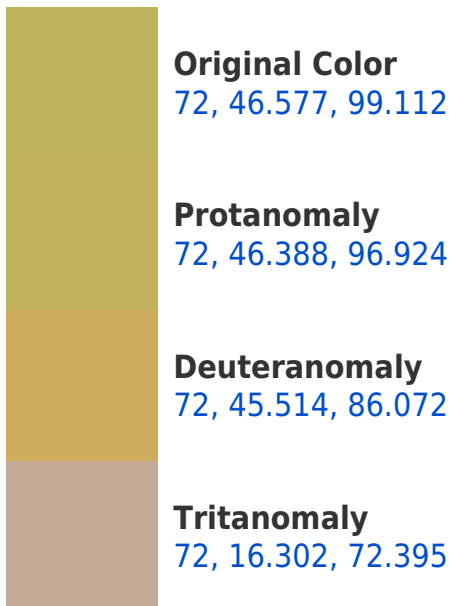
Deuteranopia

72, 45.925, 78.551



Tritanopia
72, 13.690, 349.646

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 46.577, 99.112 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(190, 178, 90)` looks like.

```
.text, #text, p{  
    color:rgb(190, 178, 90)  
}
```

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(190, 178, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 178, 90) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 46.577, 99.112 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(190, 178, 90) }
```

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

```
.border{ border-color:rgb(190, 178, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 178, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 178, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 178, 90);  
box-shadow:4px 4px 4px 4px rgb(190, 178,  
90) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 46.577, 99.112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 178, 90) }
```

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

```
.background{ background-color: rgb(190,  
178, 90) }
```

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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