

Converting Colors

CIELCh(72, 28.996, 96.566)

Have a look what the booklet for
CIELCh(72, 28.996, 96.566) contains.

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Color

CIELCh(72, 29.025, 96.545)

Conversions

Conversions Part 1

Format	Color
Hex	BEB17C
RGB	190, 177, 124
RGB Percent	75%, 69%, 49%
CMY	0.2563, 0.3072, 0.5150
CMYK	0.00, 0.07, 0.35, 0.26
HSL	48°, 34%, 61%
HSV	48°, 35%, 74%
XYZ	40.4202, 43.6590, 25.2582
YIQ	174.8450, 24.7610, -13.7270

Conversions

Conversions Part 2

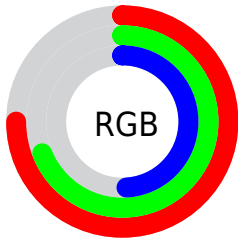
Format	Color
RYB	140, 190, 124
Decimal	12497276
CIELab	72.00, -3.31, 28.84
CIELCh	72, 29.025, 96.545
Yxy	43.6590, 0.3697, 0.3993
Android (android.graphics.Color)	4290687356 (0xFFBEB17C)
YUV	174.8450, -25.0666, 13.2909
Hunter-Lab	66.0750, -6.4369, 23.5880

Details

The CIELCh color **72, 29.025, 96.545** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **58, 30.294, 285.655**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 29.209, 97.068**, and **52, 29.441, 96.617** is the 20% darker color. If you saturate the color by 10%, you get **71, 37.295, 95.334**, and if you desaturate by 10%, it is **73, 20.661, 97.745**.

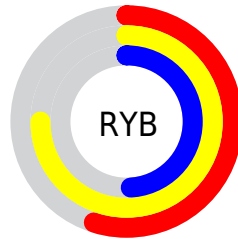
Distribution



Red (75%)

Green (69%)

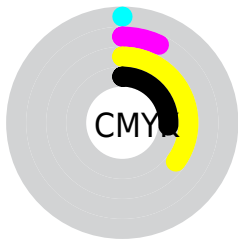
Blue (49%)



Red (55%)

Yellow (75%)

Blue (49%)

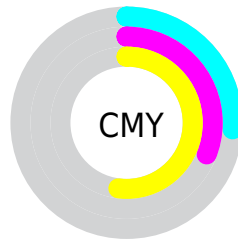


Cyan (0%)

Magenta (7%)

Yellow (35%)

Black (26%)



Cyan (26%)

Magenta (31%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 29.025, 96.545 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, 29.025, 96.545 by changing the saturation by 10% instead.

72, 29.025, 96.545

72, 29.025, 96.545

100, 29.025,
96.545

62, 29.025, 96.545

92, 29.025, 96.545

52, 29.025, 96.545

42, 29.025, 96.545

32, 29.025, 96.545

22, 29.025, 96.545

12, 29.025, 96.545

2, 29.025, 96.545

0, 29.025, 96.545

72, 29.025, 96.545

72, 29.025, 96.545

71, 37.295, 95.334

73, 20.661, 97.745

69, 45.314, 94.104

75, 12.288, 98.912

68, 52.824, 92.862

76, 3.956, 100.024

67, 59.412, 91.601

78, 4.309, 281.196

66, 64.499, 90.292

79, 12.494,
282.230

65, 67.483, 88.881

81, 20.593,
283.236

65, 68.484, 88.117

82, 27.861,
283.879

83, 26.020,
280.368

84, 24.290,
276.367

Harmonies

Complementary

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



72, 29.025, 96.545



58, 30.294, 285.655

Rectangle

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



72, 29.025, 96.545



72, 29.025, 146.545



72, 29.025, 276.545



72, 29.025, 326.545

Sweetspot

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



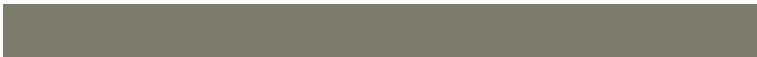
72, 29.026, 96.549



96, 10.291, 99.437



59, 27.688, 7.284



51, 7.083, 99.276



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, 29.026, 96.549



90, 43.429, 95.590



74, 35.879, 119.799



39, 4.679, 99.528



55, 59.930, 88.348



9, 13.003, 93.969

Inverse Universe

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



58, 30.294, 285.655



69, 45.968, 287.232



56, 38.510, 304.217



37, 4.734, 281.716



22, 81.318, 302.232



2, 15.013, 284.402

Previews

White Background



This preview shows how the CIELCh color 72, 29.025, 96.545 looks on a white background.

Color Contrast Check

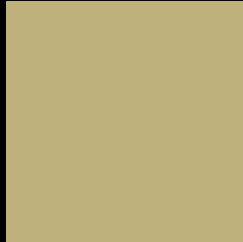
Large Text (above 18pt) WCAG AA × Fail

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, 29.025, 96.545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

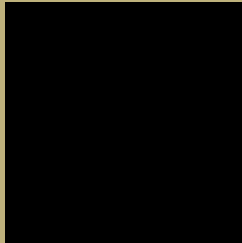
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 29.025, 96.545

Background



This preview shows how black text looks on a background with the CIELCh color 72, 29.025, 96.545.



This preview shows how white text looks on a background with the CIELCh color 72, 29.025, 96.545.

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, 29.025, 96.545

Protanopia

72, 28.715, 94.748

Deuteranopia

72, 29.818, 72.154



Tritanopia
72, 12.399, 345.819

Trichromacy



Original Color
72, 29.025, 96.545

Protanomaly
72, 28.715, 94.748

Deuteranomaly
72, 28.758, 80.583

Tritanomaly
72, 10.526, 54.346

Monochromacy



Original Color
72, 29.025, 96.545

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 10.949, 100.864

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 29.025, 96.545 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, 177, 124)` looks like.

```
.text, #text, p{  
    color:rgb(190, 177, 124)  
}
```

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, 177, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 177, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 29.025, 96.545 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, 177, 124) }
```

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

```
.border{ border-color:rgb(190, 177, 124) }
```

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

Here you see how a box with a 4 pixel rgb(190, 177, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 177, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 177, 124);  
box-shadow:4px 4px 4px 4px rgb(190, 177,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 29.025, 96.545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 177, 124) }
```

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

```
.background{ background-color: rgb(190,  
177, 124) }
```

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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