

Converting Colors

CIELCh(72, 5.959, 47.195)

Have a look what the booklet for
CIELCh(72, 5.959, 47.195) contains.

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Color

CIELCh(72, 6.018, 46.453)

Conversions

Conversions Part 1

Format	Color
Hex	BCAEA9
RGB	188, 174, 169
RGB Percent	74%, 68%, 66%
CMY	0.2640, 0.3188, 0.3384
CMYK	0.00, 0.07, 0.10, 0.26
HSL	16°, 12%, 70%
HSV	16°, 10%, 74%
XYZ	42.8723, 43.6590, 43.5541
YIQ	177.6160, 9.9490, 1.4130

Conversions

Conversions Part 2

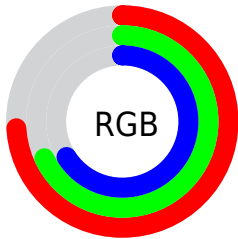
Format	Color
RYB	188, 176, 169
Decimal	12365481
CIELab	72.00, 4.15, 4.36
CIELCh	72, 6.018, 46.453
Yxy	43.6590, 0.3296, 0.3356
Android (android.graphics.Color)	4290555561 (0xFFBCAEA9)
YUV	177.6160, -4.2477, 9.1068
Hunter-Lab	66.0750, 0.1872, 7.1708

Details

The CIELCh color $72, 6.018, 46.453$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $73, 5.679, 227.721$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 6.018, 44.963$, and $52, 6.101, 48.052$ is the 20% darker color. If you saturate the color by 10%, you get $68, 12.444, 46.106$, and if you desaturate by 10%, it is $76, 0.065, 39.409$.

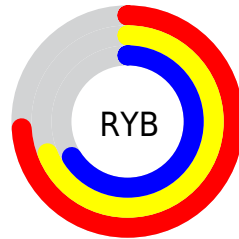
Distribution



Red (74%)

Green (68%)

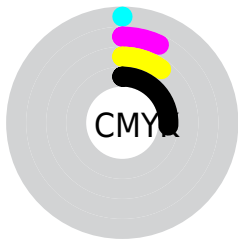
Blue (66%)



Red (74%)

Yellow (69%)

Blue (66%)

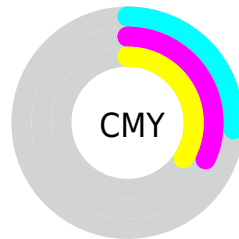


Cyan (0%)

Magenta (7%)

Yellow (10%)

Black (26%)



Cyan (26%)

Magenta (32%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 6.018, 46.453 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, 6.018, 46.453 by changing the saturation by 10% instead.

 72, 6.018, 46.453

 72, 6.018, 46.453

 100, 6.018, 46.453

 62, 6.018, 46.453

 92, 6.018, 46.453

 52, 6.018, 46.453

 42, 6.018, 46.453

 32, 6.018, 46.453

 22, 6.018, 46.453

 12, 6.018, 46.453

 2, 6.018, 46.453

 0, 6.018, 46.453

 72, 6.018, 46.453

 72, 6.018, 46.453

68, 12.444, 46.106

76, 0.065, 39.409

64, 19.390, 45.803

80, 5.462, 227.660

60, 26.888, 45.614

84, 10.611,
228.180

57, 34.945, 45.566

89, 15.428,
228.749

53, 43.521, 45.674

50, 52.480, 45.917

93, 18.684,
218.161

47, 61.490, 46.186

96, 21.778,
198.076

45, 69.799, 46.171

43, 76.569, 45.754

Harmonies

Complementary

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



72, 6.018, 46.453



73, 5.679, 227.721

Rectangle

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



72, 6.018, 46.453



72, 6.018, 96.453



72, 6.018, 226.453



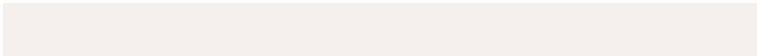
72, 6.018, 276.453

Sweetspot

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



72, 6.018, 46.474



95, 2.152, 46.609



71, 10.559, 332.963



50, 1.636, 46.629



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, 6.018, 46.474



90, 8.927, 46.397



74, 7.873, 96.028



38, 3.375, 46.502



36, 67.117, 46.150



4, 10.489, 37.448

Inverse Universe

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



73, 5.679, 227.721



92, 8.316, 227.851



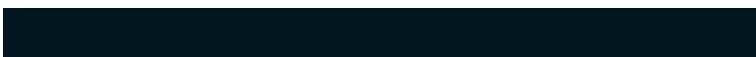
71, 7.935, 278.503



39, 3.200, 227.677



46, 32.391, 248.350



6, 9.520, 239.524

Previews

White Background



This preview shows how the CIELCh color 72, 6.018, 46.453 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, 6.018, 46.453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

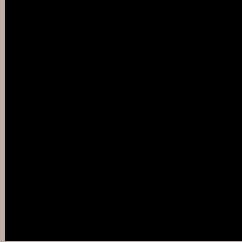
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 6.018, 46.453

Background



This preview shows how black text looks on a background with the CIELCh color 72, 6.018, 46.453.



This preview shows how white text looks on a background with the CIELCh color 72, 6.018, 46.453.

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, 6.018, 46.453

Protanopia

72, 3.754, 79.345

Deuteranopia

72, 9.740, 26.544



Tritanopia
72, 10.440, 333.462

Trichromacy



Original Color
72, 6.018, 46.453

Protanomaly
72, 4.069, 61.241

Deuteranomaly
72, 8.271, 31.325

Tritanomaly
72, 7.474, 349.442

Monochromacy



Original Color
72, 6.018, 46.453

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 2.166, 49.343

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 6.018, 46.453 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(188, 174, 169)` looks like.

```
.text, #text, p{  
    color:rgb(188, 174, 169)  
}
```

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(188, 174, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 174, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 6.018, 46.453 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(188, 174, 169) }
```

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

```
.border{ border-color:rgb(188, 174, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 174, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 174, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 174, 169);  
box-shadow:4px 4px 4px 4px rgb(188, 174,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 6.018, 46.453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 174, 169) }
```

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

```
.background{ background-color: rgb(188,  
174, 169) }
```

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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