

Converting Colors

CIELCh(72, 18.036, 87.406)

Have a look what the booklet for
CIELCh(72, 18.036, 87.406) contains.

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Color

CIELCh(72, 18.016, 87.422)

Conversions

Conversions Part 1

Format	Color
Hex	BFAF90
RGB	191, 175, 144
RGB Percent	75%, 69%, 56%
CMY	0.2516, 0.3144, 0.4359
CMYK	0.00, 0.08, 0.25, 0.25
HSL	40°, 27%, 66%
HSV	40°, 25%, 75%
XYZ	41.7631, 43.6590, 32.5478
YIQ	176.2500, 19.4870, -6.2490

Conversions

Conversions Part 2

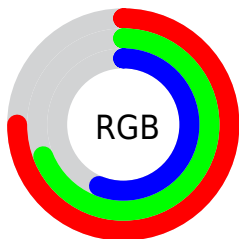
Format	Color
RYB	168, 191, 144
Decimal	12562320
CIELab	72.00, 0.81, 18.00
CIELCh	72, 18.016, 87.422
Yxy	43.6590, 0.3540, 0.3701
Android (android.graphics.Color)	4290752400 (0xFFBFAF90)
YUV	176.2500, -15.8993, 12.9358
Hunter-Lab	66.0750, -2.8091, 17.0469

Details

The CIELCh color $72, 18.016, 87.422$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $66, 17.881, 274.189$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 17.852, 86.320$, and $52, 18.396, 88.343$ is the 20% darker color. If you saturate the color by 10%, you get $70, 25.591, 86.094$, and if you desaturate by 10%, it is $74, 10.582, 88.719$.

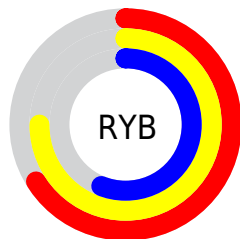
Distribution



Red (75%)

Green (69%)

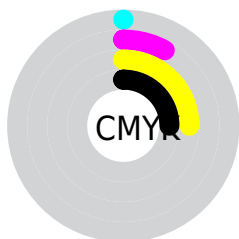
Blue (56%)



Red (66%)

Yellow (75%)

Blue (56%)

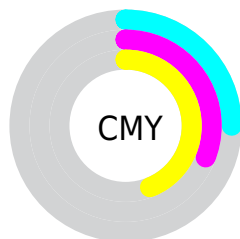


Cyan (0%)

Magenta (8%)

Yellow (25%)

Black (25%)



Cyan (25%)

Magenta (31%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 18.016, 87.422 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, 18.016, 87.422 by changing the saturation by 10% instead.

■ 72, 18.016, 87.422

■ 72, 18.016, 87.422

■ 100, 18.016,
87.422

■ 62, 18.016, 87.422

■ 92, 18.016, 87.422

■ 52, 18.016, 87.422

■ 42, 18.016, 87.422

■ 32, 18.016, 87.422

■ 22, 18.016, 87.422

■ 12, 18.016, 87.422

■ 2, 18.016, 87.422

■ 0, 18.016, 87.422

■ 72, 18.016, 87.422

■ 72, 18.016, 87.422

70, 25.591, 86.094

74, 10.582, 88.719

68, 33.257, 84.719

76, 3.303, 89.926

66, 40.915, 83.298

78, 3.817, 271.270

64, 48.367, 81.811

81, 10.785,
272.391

62, 55.256, 80.210

83, 17.610,
273.491

61, 60.997, 78.395

59, 64.831, 76.194

85, 22.659,
272.932

58, 66.346, 74.912

87, 20.218,
263.597

88, 18.430,
252.210

90, 17.478,
239.134

Harmonies

Complementary

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



72, 18.016, 87.422



66, 17.881, 274.189

Rectangle

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



72, 18.016, 87.422



72, 18.016, 137.422



72, 18.016, 267.422



72, 18.016, 317.422

Sweetspot

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



72, 18.017, 87.429



95, 6.196, 89.643



65, 20.388, 355.101



51, 4.062, 89.571



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, 18.017, 87.429



89, 27.264, 86.653



76, 25.171, 114.232



39, 4.038, 89.375



49, 57.732, 75.362



7, 10.980, 78.434

Inverse Universe

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



66, 17.881, 274.189



80, 27.011, 275.269



62, 26.602, 298.210



37, 4.035, 271.811



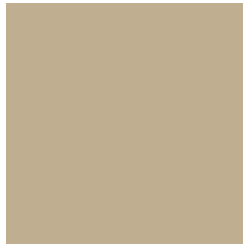
27, 66.826, 295.757



3, 13.388, 278.480

Previews

White Background



This preview shows how the CIELCh color 72, 18.016, 87.422 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, 18.016, 87.422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

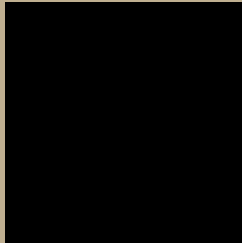
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 18.016, 87.422

Background



This preview shows how black text looks on a background with the CIELCh color 72, 18.016, 87.422.



This preview shows how white text looks on a background with the CIELCh color 72, 18.016, 87.422.

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, 18.016, 87.422

Protanopia

72, 17.878, 94.074

Deuteranopia

72, 19.869, 62.803



Tritanopia
72, 12.704, 343.784

Trichromacy



Original Color
72, 18.016, 87.422

Protanomaly
72, 17.985, 92.819

Deuteranomaly
72, 18.662, 71.062

Tritanomaly
72, 8.955, 27.038

Monochromacy



Original Color
72, 18.016, 87.422

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 6.776, 92.979

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 18.016, 87.422 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(191, 175, 144)` looks like.

```
.text, #text, p{  
    color:rgb(191, 175, 144)  
}
```

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(191, 175, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 175, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 18.016, 87.422 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(191, 175, 144) }
```

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

```
.border{ border-color:rgb(191, 175, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 175, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 175, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 175, 144);  
box-shadow:4px 4px 4px 4px rgb(191, 175,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 18.016, 87.422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 175, 144) }
```

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

```
.background{ background-color: rgb(191,  
175, 144) }
```

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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