

Converting Colors

CIELCh(72, 12.467, 66.741)

Have a look what the booklet for
CIELCh(72, 12.467, 66.741) contains.

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Color

CIELCh(72, 12.462, 67.269)

Conversions

Conversions Part 1

Format	Color
Hex	C2AD9C
RGB	194, 173, 156
RGB Percent	76%, 68%, 61%
CMY	0.2399, 0.3222, 0.3889
CMYK	0.00, 0.11, 0.20, 0.24
HSL	27°, 24%, 69%
HSV	27°, 20%, 76%
XYZ	43.0972, 43.6590, 37.5313
YIQ	177.3410, 17.9730, -0.8350

Conversions

Conversions Part 2

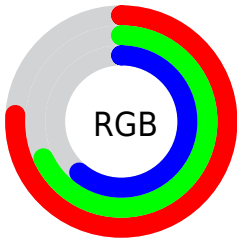
Format	Color
RYB	194, 187, 156
Decimal	12758428
CIELab	72.00, 4.82, 11.49
CIElCh	72, 12.462, 67.269
Yxy	43.6590, 0.3468, 0.3513
Android (android.graphics.Color)	4290948508 (0xFFC2AD9C)
YUV	177.3410, -10.5211, 14.6099
Hunter-Lab	66.0750, 0.7947, 12.5751

Details

The CIELCh color $72, 12.462, 67.269$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $71, 11.639, 252.178$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 12.662, 66.662$, and $52, 12.398, 67.810$ is the 20% darker color. If you saturate the color by 10%, you get $69, 19.358, 66.162$, and if you desaturate by 10%, it is $75, 5.937, 68.378$.

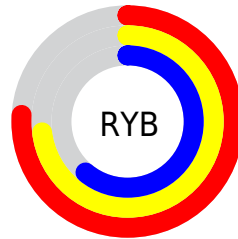
Distribution



Red (76%)

Green (68%)

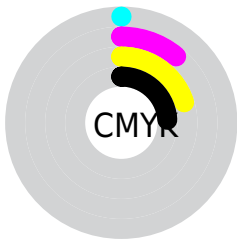
Blue (61%)



Red (76%)

Yellow (73%)

Blue (61%)

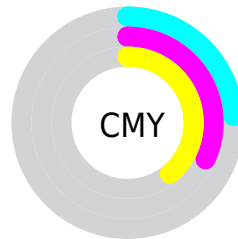


Cyan (0%)

Magenta (11%)

Yellow (20%)

Black (24%)



Cyan (24%)

Magenta (32%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 12.462, 67.269 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, 12.462, 67.269 by changing the saturation by 10% instead.

■ 72, 12.462, 67.269

■ 72, 12.462, 67.269

■ 100, 12.462,
67.269

■ 62, 12.462, 67.269

■ 92, 12.462, 67.269

■ 52, 12.462, 67.269

■ 42, 12.462, 67.269

■ 32, 12.462, 67.269

■ 22, 12.462, 67.269

■ 12, 12.462, 67.269

■ 2, 12.462, 67.269

■ 0, 12.462, 67.269

■ 72, 12.462, 67.269

■ 72, 12.462, 67.269

69, 19.358, 66.162

75, 5.937, 68.378

66, 26.644, 65.050

78, 0.247, 251.186

63, 34.312, 63.949

82, 6.125, 250.746

60, 42.304, 62.849

85, 11.729,
251.800

57, 50.456, 61.705

89, 17.092,
252.845

54, 58.398, 60.402

52, 65.408, 58.688

91, 16.605,
232.837

50, 70.868, 56.416

94, 17.871,
210.418

50, 71.092, 56.339

96, 19.968,
198.189

Harmonies

Complementary

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



72, 12.462, 67.269



71, 11.639, 252.178

Rectangle

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



72, 12.462, 67.269



72, 12.462, 117.269



72, 12.462, 247.269



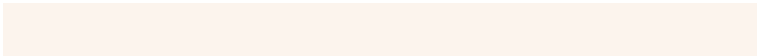
72, 12.462, 297.269

Sweetspot

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



72, 12.462, 67.280



97, 4.553, 68.734



68, 18.590, 341.800



52, 3.051, 68.669



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, 12.462, 67.280



89, 19.167, 66.746



77, 18.920, 105.370



39, 3.503, 68.402



41, 61.629, 56.907



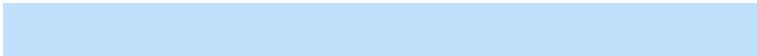
6, 11.469, 52.475

Inverse Universe

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



71, 11.639, 252.178



88, 17.566, 252.964



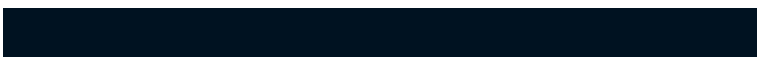
66, 19.663, 289.655



39, 3.401, 250.732



37, 45.510, 277.854



5, 12.114, 264.552

Previews

White Background



This preview shows how the CIELCh color 72, 12.462, 67.269 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, 12.462, 67.269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

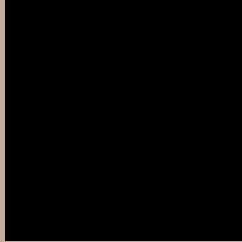
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 12.462, 67.269

Background



This preview shows how black text looks on a background with the CIELCh color 72, 12.462, 67.269.



This preview shows how white text looks on a background with the CIELCh color 72, 12.462, 67.269.

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, 12.462, 67.269

Protanopia

72, 10.757, 92.174

Deuteranopia

72, 14.588, 51.421



Tritanopia
72, 12.712, 346.841

Trichromacy



Original Color
72, 12.462, 67.269

Protanomaly
72, 11.022, 81.503

Deuteranomaly
72, 13.542, 56.801

Tritanomaly
72, 10.057, 14.077

Monochromacy



Original Color
72, 12.462, 67.269

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 4.452, 66.399

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 12.462, 67.269 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(194, 173, 156)` looks like.

```
.text, #text, p{  
    color:rgb(194, 173, 156)  
}
```

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(194, 173, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 173, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 12.462, 67.269 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(194, 173, 156) }
```

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

```
.border{ border-color:rgb(194, 173, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 173, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 173, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 173, 156);  
box-shadow:4px 4px 4px 4px rgb(194, 173,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 12.462, 67.269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 173, 156) }
```

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

```
.background{ background-color: rgb(194,  
173, 156) }
```

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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