

Converting Colors

CIE LCh(72, 12.114, 326.435)

Have a look what the booklet for
CIELCh(72, 12.114, 326.435)
contains.

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Color

CIELCh(72, 12.105, 326.418)

Conversions

Conversions Part 1

Format	Color
Hex	BEABBD
RGB	190, 171, 189
RGB Percent	75%, 67%, 74%
CMY	0.2555, 0.3300, 0.2595
CMYK	0.00, 0.10, 0.01, 0.26
HSL	303°, 13%, 71%
HSV	303°, 10%, 74%
XYZ	44.8951, 43.6590, 54.1126
YIQ	178.7330, 5.5460, 9.6260

Conversions

Conversions Part 2

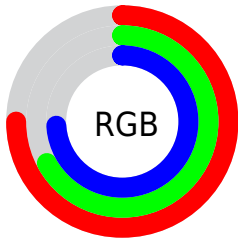
Format	Color
RYB	190, 171, 189
Decimal	12495805
CIELab	72.00, 10.08, -6.70
CIElCh	72, 12.105, 326.418
Yxy	43.6590, 0.3147, 0.3060
Android (android.graphics.Color)	4290685885 (0xFFBEABBD)
YUV	178.7330, 5.0616, 9.8812
Hunter-Lab	66.0750, 5.6520, -2.3035

Details

The CIELCh color $72, 12.105, 326.418$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $75, 12.083, 145.307$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 12.149, 326.241$, and $52, 12.173, 326.664$ is the 20% darker color. If you saturate the color by 10%, you get $67, 24.292, 326.990$, and if you desaturate by 10%, it is $77, 0.015, 308.003$.

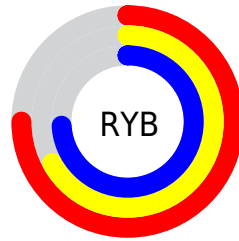
Distribution



Red (75%)

Green (67%)

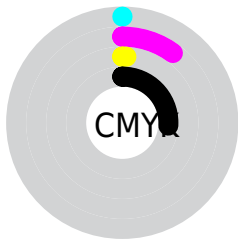
Blue (74%)



Red (75%)

Yellow (67%)

Blue (74%)

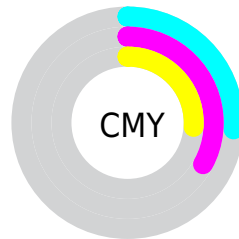


Cyan (0%)

Magenta (10%)

Yellow (1%)

Black (26%)



Cyan (26%)


Magenta (33%)


Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 12.105, 326.418 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, 12.105, 326.418 by changing the saturation by 10% instead.


 72, 12.105,
326.418


 72, 12.105,
326.418


 100, 12.105,
326.418


 62, 12.105,
326.418


 92, 12.105,
326.418

 52, 12.105,
326.418

 42, 12.105,
326.418

 32, 12.105,
326.418

 22, 12.105,
326.418

 12, 12.105,
326.418

 2, 12.105, 326.418

0, 12.105, 326.418

72, 12.105,
326.418

72, 12.105,
326.418

67, 24.292,
326.990

77, 0.015, 308.003

63, 36.393,
327.550

82, 11.851,
145.364

58, 48.132,
328.093

87, 23.419,
144.830

55, 59.142,
328.608

92, 34.652,
144.326

51, 68.976,
329.081

94, 39.171,
144.359

49, 77.150,
329.503

94, 38.756,
144.794

■ 47, 83.239,
329.868

■ 94, 38.342,
145.237

■ 45, 87.005,
330.178

■ 95, 37.929,
145.690

■ 45, 88.821,
330.447

■ 95, 37.519,
146.152

Harmonies

Complementary

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



72, 12.105, 326.418



75, 12.083, 145.307

Rectangle

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



72, 12.105, 326.418



72, 12.105, 16.418



72, 12.105, 146.418



72, 12.105, 196.418

Sweetspot

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



72, 12.103, 326.418



96, 4.483, 325.982



71, 10.408, 293.089



51, 3.427, 326.042



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, 12.103, 326.418



90, 18.018, 326.545



72, 8.558, 347.259



37, 6.819, 326.380



37, 77.618, 330.415



3, 20.410, 327.341

Inverse Universe

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



72, 12.103, 326.418



90, 18.018, 326.545



75, 8.420, 165.621



37, 6.819, 326.380



37, 77.618, 330.415



3, 20.410, 327.341

Previews

White Background



This preview shows how the CIELCh color 72, 12.105, 326.418 looks on a white background.

Color Contrast Check

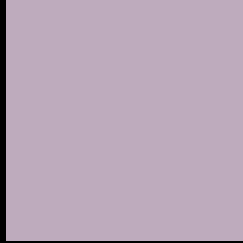
Large Text (above 18pt) WCAG AA × Fail

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, 12.105, 326.418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

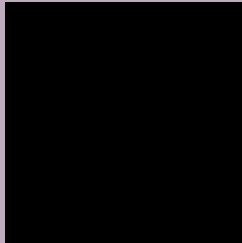
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 12.105, 326.418

Background



This preview shows how black text looks on a background with the CIELCh color 72, 12.105, 326.418.



This preview shows how white text looks on a background with the CIELCh color 72, 12.105, 326.418.

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, 12.105, 326.418

Protanopia

72, 9.267, 291.085

Deuteranopia

72, 11.692, 323.410



Tritanopia
72, 10.190, 331.886

Trichromacy



Original Color
72, 12.105, 326.418

Protanomaly
72, 10.182, 305.569

Deuteranomaly
72, 11.895, 324.938

Tritanomaly
72, 10.600, 329.935

Monochromacy



Original Color
72, 12.105, 326.418

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 4.639, 324.597

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 12.105, 326.418 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, 171, 189)` looks like.

```
.text, #text, p{  
    color:rgb(190, 171, 189)  
}
```

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, 171, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 171, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 12.105, 326.418 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, 171, 189) }
```

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

```
.border{ border-color:rgb(190, 171, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 171, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 171, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 171, 189);  
box-shadow:4px 4px 4px 4px rgb(190, 171,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 12.105, 326.418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 171, 189) }
```

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

```
.background{ background-color: rgb(190,  
171, 189) }
```

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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