

Converting Colors

CIELCh(72, 10.941, 327.089)

Have a look what the booklet for
CIELCh(72, 10.941, 327.089)
contains.

CIELCh(72, 11.021, 328.135)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(72, 11.021, 328.135)

Conversions

Conversions Part 1

Format	Color
Hex	BDABBB
RGB	189, 171, 187
RGB Percent	74%, 67%, 73%
CMY	0.2579, 0.3285, 0.2657
CMYK	0.00, 0.10, 0.01, 0.26
HSL	307°, 12%, 71%
HSV	307°, 10%, 74%
XYZ	44.6450, 43.6590, 53.2184
YIQ	178.2060, 5.5920, 8.7920

Conversions

Conversions Part 2

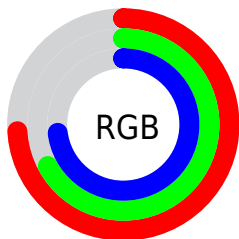
Format	Color
RYB	189, 171, 187
Decimal	12430267
CIELab	72.00, 9.36, -5.82
CIELCh	72, 11.021, 328.135
Yxy	43.6590, 0.3155, 0.3085
Android (android.graphics.Color)	4290620347 (0xFFBDABBB)
YUV	178.2060, 4.3354, 9.4663
Hunter-Lab	66.0750, 4.9762, -1.5011

Details

The CIELCh color $72, 11.021, 328.135$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $75, 10.996, 147.056$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 11.115, 327.854$, and $52, 11.024, 328.500$ is the 20% darker color. If you saturate the color by 10%, you get $67, 22.700, 328.735$, and if you desaturate by 10%, it is $77, 0.552, 148.082$.

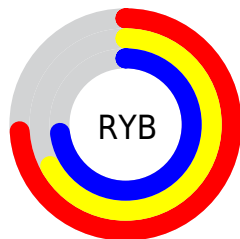
Distribution



Red (74%)

Green (67%)

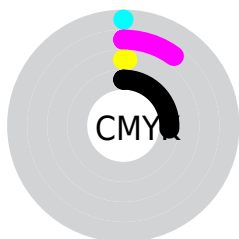
Blue (73%)



Red (74%)

Yellow (67%)

Blue (73%)

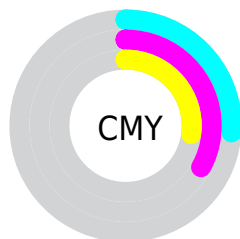


Cyan (0%)

Magenta (10%)

Yellow (1%)

Black (26%)



Cyan (26%)


Magenta (33%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 11.021, 328.135 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, 11.021, 328.135 by changing the saturation by 10% instead.


 72, 11.021,
328.135


 72, 11.021,
328.135


 100, 11.021,
328.135


 62, 11.021,
328.135


 92, 11.021,
328.135

 52, 11.021,
328.135

 42, 11.021,
328.135

 32, 11.021,
328.135

 22, 11.021,
328.135

 12, 11.021,
328.135

 2, 11.021, 328.135

72, 11.021,
328.135

72, 11.021,
328.135

67, 22.700,
328.735

77, 0.552, 148.082

63, 34.316,
329.331

82, 11.899,
147.053

58, 45.607,
329.924

87, 22.959,
146.508

54, 56.223,
330.506

92, 33.698,
145.994

51, 65.724,
331.072

94, 37.683,
146.339

48, 73.626,
331.618

95, 36.826,
147.343

■ 46, 79.486,
332.147

■ 95, 35.978,
148.391

■ 45, 83.037,
332.670

■ 95, 35.139,
149.486

■ 44, 84.570,
333.200

■ 95, 34.310,
150.631

Harmonies

Complementary

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



72, 11.021, 328.135



75, 10.996, 147.056

Rectangle

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



72, 11.021, 328.135



72, 11.021, 18.135



72, 11.021, 148.135



72, 11.021, 198.135

Sweetspot

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



72, 11.019, 328.136



95, 4.268, 327.710



71, 9.881, 294.921



50, 3.235, 327.772



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, 11.019, 328.136



90, 15.721, 328.236



72, 7.862, 350.219



37, 6.549, 328.126



36, 74.178, 333.151



3, 19.256, 329.767

Inverse Universe

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



72, 11.019, 328.136



90, 15.721, 328.236



75, 7.714, 168.626



37, 6.549, 328.126



36, 74.178, 333.151



3, 19.256, 329.767

Previews

White Background



This preview shows how the CIELCh color 72, 11.021, 328.135 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, 11.021, 328.135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

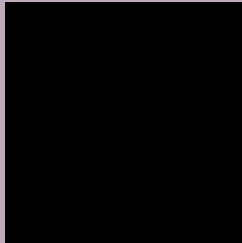
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 11.021, 328.135

Background



This preview shows how black text looks on a background with the CIELCh color 72, 11.021, 328.135.



This preview shows how white text looks on a background with the CIELCh color 72, 11.021, 328.135.

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, 11.021, 328.135

Protanopia

72, 8.191, 293.512

Deuteranopia

72, 11.021, 328.135



Tritanopia
72, 9.532, 332.332

Trichromacy



Original Color
72, 11.021, 328.135

Protanomaly
72, 8.602, 308.245

Deuteranomaly
72, 11.021, 328.135

Tritanomaly
72, 9.938, 330.234

Monochromacy



Original Color
72, 11.021, 328.135

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 3.545, 329.508

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 11.021, 328.135 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(189, 171, 187)` looks like.

```
.text, #text, p{  
    color:rgb(189, 171, 187)  
}
```

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(189, 171, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 171, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 11.021, 328.135 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(189, 171, 187) }
```

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

```
.border{ border-color:rgb(189, 171, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 171, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 171, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 171, 187); box-shadow:4px 4px 4px 4px rgb(189, 171, 187) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 11.021, 328.135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 171, 187) }
```

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

```
.background{ background-color: rgb(189,  
171, 187) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor