

Converting Colors

CIELCh(72, 8.432, 349.598)

Have a look what the booklet for
CIELCh(72, 8.432, 349.598) contains.

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Color

CIELCh(72, 8.137, 352.261)

Conversions

Conversions Part 1

Format	Color
Hex	BFACB3
RGB	191, 172, 179
RGB Percent	75%, 67%, 70%
CMY	0.2523, 0.3267, 0.2993
CMYK	0.00, 0.10, 0.06, 0.25
HSL	338°, 13%, 71%
HSV	338°, 10%, 75%
XYZ	44.1995, 43.6590, 48.5746
YIQ	178.4790, 9.0770, 6.2050

Conversions

Conversions Part 2

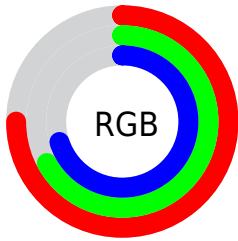
Format	Color
RYB	191, 172, 179
Decimal	12561587
CIELab	72.00, 8.06, -1.10
CIElCh	72, 8.137, 352.261
Yxy	43.6590, 0.3240, 0.3200
Android (android.graphics.Color)	4290751667 (0xFFBFACB3)
YUV	178.4790, 0.2569, 10.9809
Hunter-Lab	66.0750, 3.7727, 2.6658

Details

The CIELCh color $72, 8.137, 352.261$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $76, 7.955, 170.559$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 8.292, 350.089$, and $52, 8.067, 354.862$ is the 20% darker color. If you saturate the color by 10%, you get $67, 16.561, 353.340$, and if you desaturate by 10%, it is $77, 0.028, 186.991$.

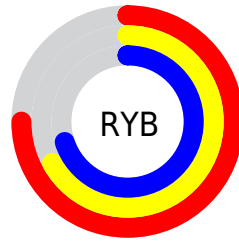
Distribution



Red (75%)

Green (67%)

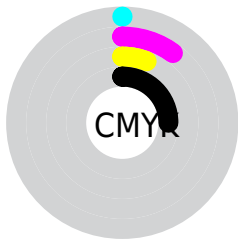
Blue (70%)



Red (75%)

Yellow (67%)

Blue (70%)

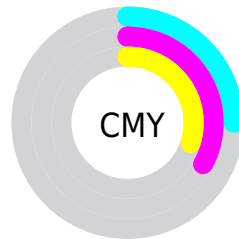


Cyan (0%)

Magenta (10%)

Yellow (6%)

Black (25%)



Cyan (25%)

Magenta (33%)


Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 8.137, 352.261 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, 8.137, 352.261 by changing the saturation by 10% instead.

 72, 8.137, 352.261

 72, 8.137, 352.261

 100, 8.137,
352.261

 62, 8.137, 352.261

 92, 8.137, 352.261

 52, 8.137, 352.261

 42, 8.137, 352.261

 32, 8.137, 352.261

 22, 8.137, 352.261

 12, 8.137, 352.261

 2, 8.137, 352.261

 0, 8.137, 352.261

 72, 8.137, 352.261

 72, 8.137, 352.261

67, 16.561,
353.340

77, 0.028, 186.991

62, 25.158,
354.553

83, 7.881, 170.636

57, 33.762,
355.973

88, 15.412,
169.869

53, 42.122,
357.676

93, 22.625,
169.188

49, 49.892,
359.768

95, 23.257,
177.075

46, 56.662, 2.387

96, 21.227,
192.438

43, 62.059, 5.707

96, 20.901,
198.131

41, 65.911, 9.891

40, 68.664, 14.839

Harmonies

Complementary

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



72, 8.137, 352.261



76, 7.955, 170.559

Rectangle

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



72, 8.137, 352.261



72, 8.137, 42.261



72, 8.137, 172.261



72, 8.137, 222.261

Sweetspot

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



72, 8.135, 352.268



95, 2.994, 351.496



72, 11.261, 313.436



51, 2.290, 351.607



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, 8.135, 352.268



90, 12.154, 352.499



72, 6.536, 30.419



37, 4.585, 352.205



33, 59.642, 14.013



3, 13.131, 359.073

Inverse Universe

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



72, 8.135, 352.268



90, 12.154, 352.499



75, 6.130, 210.296



37, 4.585, 352.205



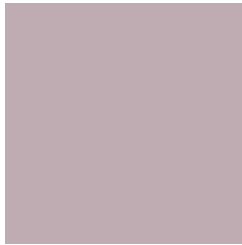
33, 59.642, 14.013



3, 13.131, 359.073

Previews

White Background



This preview shows how the CIELCh color 72, 8.137, 352.261 looks on a white background.

Color Contrast Check

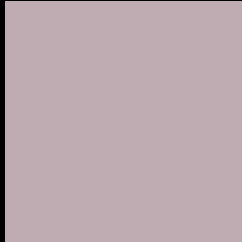
Large Text (above 18pt) WCAG AA × Fail

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, 8.137, 352.261 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

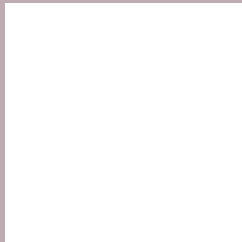
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 8.137, 352.261

Background



This preview shows how black text looks on a background with the CIELCh color 72, 8.137, 352.261.



This preview shows how white text looks on a background with the CIELCh color 72, 8.137, 352.261.

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, 8.137, 352.261

Protanopia

72, 2.837, 305.607

Deuteranopia

72, 9.065, 351.561



Tritanopia
72, 10.324, 337.096

Trichromacy



Original Color
72, 8.137, 352.261

Protanomaly
72, 4.717, 335.935

Deuteranomaly
72, 9.065, 351.561

Tritanomaly
72, 9.626, 341.844

Monochromacy



Original Color
72, 8.137, 352.261

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 2.857, 357.149

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 8.137, 352.261 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, 172, 179)` looks like.

```
.text, #text, p{  
    color:rgb(191, 172, 179)  
}
```

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, 172, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 172, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 8.137, 352.261 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, 172, 179) }
```

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

```
.border{ border-color:rgb(191, 172, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 172, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 172, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 172, 179);  
box-shadow:4px 4px 4px 4px rgb(191, 172,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 8.137, 352.261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 172, 179) }
```

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

```
.background{ background-color: rgb(191,  
172, 179) }
```

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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