

Converting Colors

CIELCh(76, 7.013, 354.409)

Have a look what the booklet for
CIELCh(76, 7.013, 354.409) contains.

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Color

CIELCh(76, 7.138, 353.120)

Conversions

Conversions Part 1

Format	Color
Hex	C8B7BD
RGB	200, 183, 189
RGB Percent	78%, 72%, 74%
CMY	0.2152, 0.2819, 0.2584
CMYK	0.00, 0.08, 0.05, 0.22
HSL	339°, 13%, 75%
HSV	339°, 8%, 78%
XYZ	50.0041, 49.8872, 55.2019
YIQ	188.7670, 8.2060, 5.4700

Conversions

Conversions Part 2

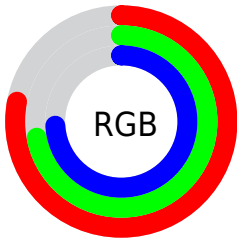
Format	Color
RYP	200, 183, 189
Decimal	13154237
CIELab	76.00, 7.09, -0.86
CIElCh	76, 7.138, 353.120
Yxy	49.8872, 0.3224, 0.3217
Android (android.graphics.Color)	4291344317 (0xFFC8B7BD)
YUV	188.7670, 0.1149, 9.8513
Hunter-Lab	70.6309, 2.7674, 3.1033

Details

The CIELCh color $76, 7.138, 353.120$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $79, 6.991, 171.703$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 6.476, 351.469$, and $56, 7.237, 351.919$ is the 20% darker color. If you saturate the color by 10%, you get $71, 15.800, 354.203$, and if you desaturate by 10%, it is $81, 1.234, 172.651$.

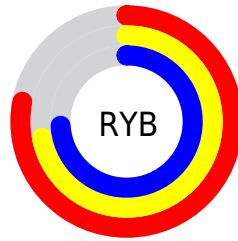
Distribution



Red (78%)

Green (72%)

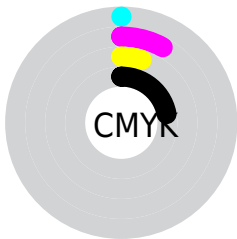
Blue (74%)



Red (78%)

Yellow (72%)

Blue (74%)

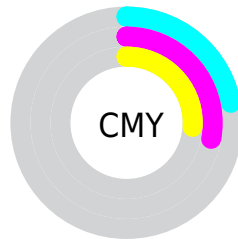


Cyan (0%)

Magenta (8%)

Yellow (5%)

Black (22%)



Cyan (22%)

Magenta (28%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 7.138, 353.120 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 76, 7.138, 353.120 by changing the saturation by 10% instead.

■ 76, 7.138, 353.120

■ 76, 7.138, 353.120

■ 100, 7.138,
353.120

■ 66, 7.138, 353.120

■ 96, 7.138, 353.120

■ 56, 7.138, 353.120

■ 46, 7.138, 353.120

■ 36, 7.138, 353.120

■ 26, 7.138, 353.120

■ 16, 7.138, 353.120

■ 6, 7.138, 353.120

■ 0, 7.138, 353.120

■ 76, 7.138, 353.120

■ 76, 7.138, 353.120

71, 15.800,
354.203

81, 1.234, 172.651

65, 24.674,
355.413

87, 9.270, 171.513

61, 33.601,
356.829

93, 16.964,
170.757

56, 42.338,
358.529

96, 20.048,
177.002

52, 50.540, 0.617

96, 18.130,
196.463

48, 57.791, 3.233

96, 18.066,
198.310

46, 63.694, 6.550

44, 68.044, 10.734

43, 71.121, 15.776

Harmonies

Complementary

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



76, 7.138, 353.120



79, 6.991, 171.703

Rectangle

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



76, 7.138, 353.120



76, 7.138, 43.120



76, 7.138, 173.120



76, 7.138, 223.120

Sweetspot

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



76, 7.136, 353.128



98, 3.040, 352.499



76, 10.013, 313.920



52, 2.307, 352.612



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



76, 7.136, 353.128



93, 10.257, 353.301



76, 5.688, 32.056



39, 4.748, 353.221



34, 61.346, 15.640



4, 16.767, 1.493

Inverse Universe

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



76, 7.136, 353.128



93, 10.257, 353.301



79, 5.388, 212.131



39, 4.748, 353.221



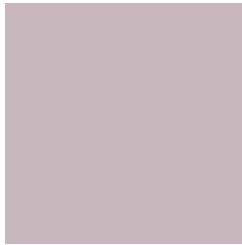
34, 61.346, 15.640



4, 16.767, 1.493

Previews

White Background



This preview shows how the CIELCh color 76, 7.138, 353.120 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 76, 7.138, 353.120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

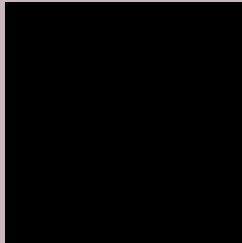
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 7.138, 353.120

Background



This preview shows how black text looks on a background with the CIELCh color 76, 7.138, 353.120.



This preview shows how white text looks on a background with the CIELCh color 76, 7.138, 353.120.

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

76, 7.138, 353.120

Protanopia

76, 3.092, 318.861

Deuteranopia

76, 9.071, 355.687



Tritanopia
76, 10.327, 333.426

Trichromacy



Original Color
76, 7.138, 353.120

Protanomaly
76, 4.310, 341.045

Deuteranomaly
76, 8.728, 354.615

Tritanomaly
76, 9.232, 340.316

Monochromacy



Original Color
76, 7.138, 353.120

Achromatopsia
77, 0.009, 296.813

Achromatomaly
76, 2.485, 353.790

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 7.138, 353.120 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(200, 183, 189)` looks like.

```
.text, #text, p{  
    color:rgb(200, 183, 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(200, 183, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 183, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 7.138, 353.120 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(200, 183, 189) }
```

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

```
.border{ border-color:rgb(200, 183, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 183, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 183, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 183, 189);  
box-shadow:4px 4px 4px 4px rgb(200, 183,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 7.138, 353.120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 183, 189) }
```

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

```
.background{ background-color: rgb(200,  
183, 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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