

Converting Colors

CIELCh(66, 7.144, 53.535)

Have a look what the booklet for
CIELCh(66, 7.144, 53.535) contains.

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Color

CIELCh(66, 7.413, 51.173)

Conversions

Conversions Part 1

Format	Color
Hex	AD9D96
RGB	173, 157, 150
RGB Percent	68%, 62%, 59%
CMY	0.3205, 0.3833, 0.4108
CMYK	0.00, 0.09, 0.13, 0.32
HSL	18°, 12%, 63%
HSV	18°, 13%, 68%
XYZ	34.9162, 35.3238, 33.9383
YIQ	160.9860, 11.7830, 1.2150

Conversions

Conversions Part 2

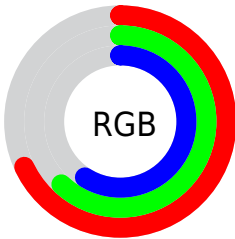
Format	Color
RYB	173, 160, 150
Decimal	11378070
CIELab	66.00, 4.65, 5.78
CIELCh	66, 7.413, 51.173
Yxy	35.3238, 0.3352, 0.3391
Android (android.graphics.Color)	4289568150 (0xFFAD9D96)
YUV	160.9860, -5.4161, 10.5363
Hunter-Lab	59.4338, 0.8560, 7.7475

Details

The CIELCh color **66, 7.413, 51.173** is a light color, and the websafe version is hex **999999**. A complement of this color would be **67, 6.901, 233.235**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 7.571, 53.169**, and **46, 7.675, 52.540** is the 20% darker color. If you saturate the color by 10%, you get **62, 13.492, 50.630**, and if you desaturate by 10%, it is **70, 1.763, 51.639**.

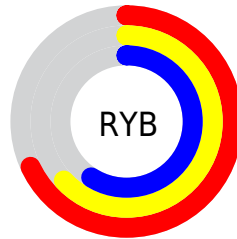
Distribution



Red (68%)

Green (62%)

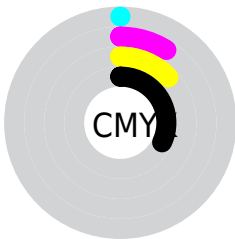
Blue (59%)



Red (68%)

Yellow (63%)

Blue (59%)

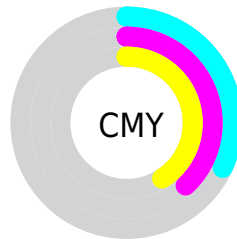


Cyan (0%)

Magenta (9%)

Yellow (13%)

Black (32%)



Cyan (32%)

Magenta (38%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 7.413, 51.173 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 66, 7.413, 51.173 by changing the saturation by 10% instead.

■ 66, 7.413, 51.173 ■ 66, 7.413, 51.173

■ 100, 7.413, 51.173 ■ 56, 7.413, 51.173

■ 86, 7.413, 51.173 ■ 46, 7.413, 51.173

■ 96, 7.413, 51.173 ■ 36, 7.413, 51.173

■ 26, 7.413, 51.173

■ 16, 7.413, 51.173

■ 6, 7.413, 51.173

■ 0, 7.413, 51.173

■ 66, 7.413, 51.173 ■ 66, 7.413, 51.173

■ 62, 13.492, 50.630 ■ 70, 1.763, 51.639

59, 20.038, 50.131

73, 3.501, 232.709

56, 27.078, 49.725

77, 8.421, 233.342

52, 34.609, 49.430

81, 13.037,
234.043

49, 42.578, 49.245

84, 17.388,
234.757

46, 50.823, 49.125

44, 58.955, 48.918

88, 21.505,
235.468

42, 66.151, 48.264

91, 22.418,
216.287

40, 70.473, 47.803

95, 25.424,
199.414

95, 25.866,
197.822

Harmonies

Complementary

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



66, 7.413, 51.173



67, 6.901, 233.235

Rectangle

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



66, 7.413, 51.173



66, 7.413, 101.173



66, 7.413, 231.173



66, 7.413, 281.173

Sweetspot

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



66, 7.413, 51.190



88, 2.662, 51.637



65, 12.555, 335.165



46, 1.895, 51.621



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



66, 7.413, 51.190



82, 11.146, 51.018



69, 10.212, 98.899



35, 3.116, 51.413



35, 63.243, 48.186



3, 6.471, 45.212

Inverse Universe

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



67, 6.901, 233.235



84, 10.193, 233.511



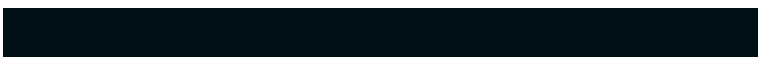
64, 10.364, 282.026



35, 2.969, 232.910



42, 33.016, 256.054



4, 6.466, 243.317

Previews

White Background



This preview shows how the CIELCh color 66, 7.413, 51.173 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 66, 7.413, 51.173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

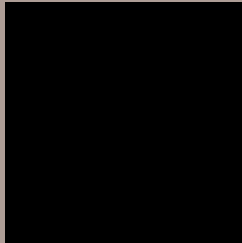
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 7.413, 51.173

Background



This preview shows how black text looks on a background with the CIELCh color 66, 7.413, 51.173.



This preview shows how white text looks on a background with the CIELCh color 66, 7.413, 51.173.

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

66, 7.413, 51.173

Protanopia

66, 4.813, 85.781

Deuteranopia

66, 10.174, 32.715



Tritanopia
66, 10.137, 339.458

Trichromacy



Original Color
66, 7.413, 51.173

Protanomaly
66, 5.642, 70.937

Deuteranomaly
66, 9.151, 37.583

Tritanomaly
66, 7.486, 358.439

Monochromacy



Original Color
66, 7.413, 51.173

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 2.527, 60.244

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 7.413, 51.173 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(173, 157, 150)` looks like.

```
.text, #text, p{  
    color:rgb(173, 157, 150)  
}
```

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(173, 157, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 157, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 7.413, 51.173 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(173, 157, 150) }
```

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

```
.border{ border-color:rgb(173, 157, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 157, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 157, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 157, 150);  
box-shadow:4px 4px 4px 4px rgb(173, 157,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 7.413, 51.173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 157, 150) }
```

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

```
.background{ background-color: rgb(173,  
157, 150) }
```

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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