

Converting Colors

CIELCh(64, 7.100, 356.685)

Have a look what the booklet for
CIELCh(64, 7.100, 356.685) contains.

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Color

CIELCh(64, 7.168, 357.262)

Conversions

Conversions Part 1

Format	Color
Hex	A8979C
RGB	168, 151, 156
RGB Percent	66%, 59%, 61%
CMY	0.3417, 0.4083, 0.3887
CMYK	0.00, 0.10, 0.07, 0.34
HSL	342°, 9%, 63%
HSV	342°, 10%, 66%
XYZ	33.1596, 32.8017, 35.9821
YIQ	156.6530, 8.5270, 5.1590

Conversions

Conversions Part 2

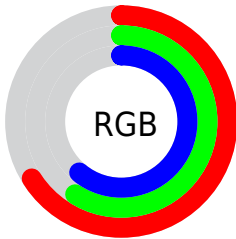
Format	Color
RYB	168, 151, 156
Decimal	11048860
CIELab	64.00, 7.16, -0.34
CIELCh	64, 7.168, 357.262
Yxy	32.8017, 0.3253, 0.3218
Android (android.graphics.Color)	4289238940 (0xFFA8979C)
YUV	156.6530, -0.3219, 9.9513
Hunter-Lab	57.2727, 3.1202, 2.8415

Details

The CIELCh color $64, 7.168, 357.262$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $67, 6.960, 175.518$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 7.115, 358.210$, and $44, 7.327, 356.331$ is the 20% darker color. If you saturate the color by 10%, you get $59, 14.524, 358.379$, and if you desaturate by 10%, it is $69, 0.090, 351.686$.

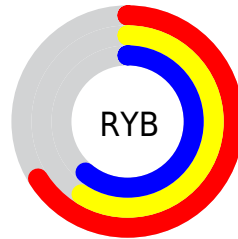
Distribution



Red (66%)

Green (59%)

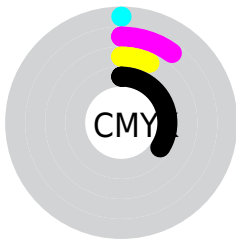
Blue (61%)



Red (66%)

Yellow (59%)

Blue (61%)

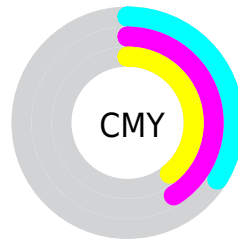


Cyan (0%)

Magenta (10%)

Yellow (7%)

Black (34%)



Cyan (34%)

Magenta (41%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 7.168, 357.262 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 64, 7.168, 357.262 by changing the saturation by 10% instead.

64, 7.168, 357.262

64, 7.168, 357.262

100, 7.168,
357.262

54, 7.168, 357.262

84, 7.168, 357.262

44, 7.168, 357.262

94, 7.168, 357.262

34, 7.168, 357.262

24, 7.168, 357.262

14, 7.168, 357.262

4, 7.168, 357.262

0, 7.168, 357.262

64, 7.168, 357.262

64, 7.168, 357.262

59, 14.524,

69, 0.090, 351.686

358.379

74, 6.678, 175.625

55, 22.097,
359.650

78, 13.134,
174.855

51, 29.758, 1.158

83, 19.289,
174.179

47, 37.310, 2.987

88, 25.163,
173.570

43, 44.473, 5.254

40, 50.918, 8.105

93, 30.778,
173.015

38, 56.344, 11.705

94, 29.632,
181.171

36, 60.620, 16.181

35, 64.148, 21.204

95, 27.723,
193.076

95, 27.325,
197.733

Harmonies

Complementary

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



64, 7.168, 357.262



67, 6.960, 175.518

Rectangle

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



64, 7.168, 357.262



64, 7.168, 47.262



64, 7.168, 177.262



64, 7.168, 227.262

Sweetspot

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



64, 7.166, 357.270



86, 2.603, 356.455



64, 10.534, 316.135



45, 1.973, 356.568



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



64, 7.166, 357.270



80, 10.603, 357.494



65, 5.653, 39.209



33, 4.008, 357.182



31, 58.248, 20.549



2, 7.033, 359.293

Inverse Universe

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



64, 7.166, 357.270



80, 10.603, 357.494



67, 5.312, 219.853



33, 4.008, 357.182



31, 58.248, 20.549



2, 7.033, 359.293

Previews

White Background



This preview shows how the CIELCh color 64, 7.168, 357.262 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 64, 7.168, 357.262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

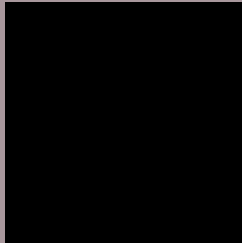
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

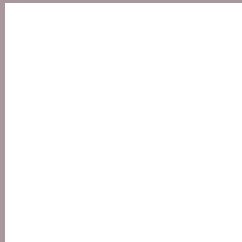
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 7.168, 357.262

Background



This preview shows how black text looks on a background with the CIELCh color 64, 7.168, 357.262.



This preview shows how white text looks on a background with the CIELCh color 64, 7.168, 357.262.

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


64, 7.168, 357.262

Protanopia

64, 2.525, 317.335

Deuteranopia

64, 8.467, 357.028



Tritanopia
64, 9.908, 337.973

Trichromacy



Original Color
64, 7.168, 357.262

Protanomaly
64, 3.817, 343.959

Deuteranomaly
64, 8.108, 355.884

Tritanomaly
64, 9.211, 343.131

Monochromacy



Original Color
64, 7.168, 357.262

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 2.572, 353.871

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 7.168, 357.262 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(168, 151, 156)` looks like.

```
.text, #text, p{  
    color:rgb(168, 151, 156)  
}
```

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(168, 151, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 151, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 7.168, 357.262 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(168, 151, 156) }
```

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

```
.border{ border-color:rgb(168, 151, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 151, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 151, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 151, 156);  
box-shadow:4px 4px 4px 4px rgb(168, 151,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 7.168, 357.262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 151, 156) }
```

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

```
.background{ background-color: rgb(168,  
151, 156) }
```

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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