

Converting Colors

CIELCh(63, 7.813, 337.378)

Have a look what the booklet for
CIELCh(63, 7.813, 337.378) contains.

CIELCh(63, 8.060, 336.265)	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(63, 8.060, 336.265)

Conversions

Conversions Part 1

Format	Color
Hex	A3949E
RGB	163, 148, 158
RGB Percent	64%, 58%, 62%
CMY	0.3594, 0.4183, 0.3791
CMYK	0.00, 0.09, 0.03, 0.36
HSL	320°, 8%, 61%
HSV	320°, 9%, 64%
XYZ	32.0166, 31.5869, 36.9093
YIQ	153.6250, 5.7300, 6.2900

Conversions

Conversions Part 2

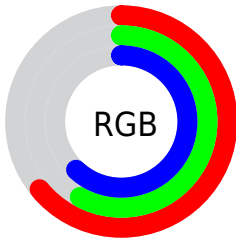
Format	Color
R_{YB}	163, 148, 158
Decimal	10720414
CIE Lab	63.00, 7.38, -3.24
CIE LCh	63, 8.060, 336.265
Yxy	31.5869, 0.3185, 0.3143
Android (android.graphics.Color)	4288910494 (0xFFA3949E)
YUV	153.6250, 2.1569, 8.2219
Hunter-Lab	56.2022, 3.3317, 0.4045

Details

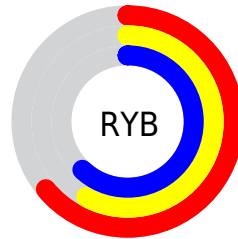
The CIELCh color $63, 8.060, 336.265$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 8.011, 155.056$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 8.255, 335.256$, and $43, 8.361, 334.498$ is the 20% darker color. If you saturate the color by 10%, you get $59, 16.944, 337.022$, and if you desaturate by 10%, it is $67, 0.700, 156.046$.

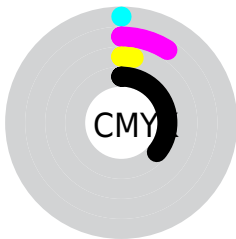
Distribution



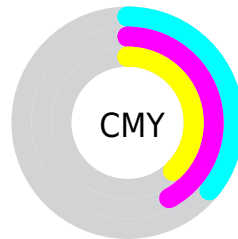
- Red (64%)
- Green (58%)
- Blue (62%)



- Red (64%)
- Yellow (58%)
- Blue (62%)



- Cyan (0%)
- Magenta (9%)
- Yellow (3%)
- Black (36%)



- Cyan (36%)
- Magenta (42%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 8.060, 336.265 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 63, 8.060, 336.265 by changing the saturation by 10% instead.

63, 8.060, 336.265

63, 8.060, 336.265

100, 8.060,
336.265

53, 8.060, 336.265

83, 8.060, 336.265

43, 8.060, 336.265

93, 8.060, 336.265

33, 8.060, 336.265

23, 8.060, 336.265

13, 8.060, 336.265

3, 8.060, 336.265

0, 8.060, 336.265

63, 8.060, 336.265

63, 8.060, 336.265

59, 16.944,

67, 0.700, 156.046

337.022

72, 9.257, 155.005

54, 25.837,
337.819

77, 17.575,
154.384

50, 34.548,
338.677

81, 25.637,
153.810

47, 42.808,
339.618

86, 33.444,
153.272

43, 50.265,
340.668

91, 41.002,
152.768

41, 56.502,
341.870

93, 43.937,
153.663

38, 61.111,
343.285

93, 41.907,
156.274

37, 63.807,
344.992

93, 39.947,
159.131

36, 64.851,
347.017

Harmonies

Complementary

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



63, 8.060, 336.265



66, 8.011, 155.056

Rectangle

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



63, 8.060, 336.265



63, 8.060, 26.265



63, 8.060, 156.265



63, 8.060, 206.265

Sweetspot

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



63, 8.058, 336.268



83, 3.235, 335.765



62, 8.657, 303.547



44, 2.473, 335.842



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



63, 8.058, 336.268



79, 11.935, 336.419



63, 6.032, 6.574



32, 4.959, 336.274



32, 59.715, 346.937



1, 7.347, 338.214

Inverse Universe

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



63, 8.058, 336.268



79, 11.935, 336.419



66, 5.800, 185.127



32, 4.959, 336.274



32, 59.715, 346.937



1, 7.347, 338.214

Previews

White Background



This preview shows how the CIELCh color 63, 8.060, 336.265 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 63, 8.060, 336.265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

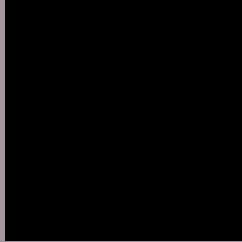
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 8.060, 336.265

Background



This preview shows how black text looks on a background with the CIELCh color 63, 8.060, 336.265.



This preview shows how white text looks on a background with the CIELCh color 63, 8.060, 336.265.

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

63, 8.060, 336.265

Protanopia

63, 4.500, 295.475

Deuteranopia

63, 8.630, 339.925



Tritanopia
63, 9.118, 332.931

Trichromacy



Original Color
63, 8.060, 336.265

Protanomaly
63, 5.052, 317.471

Deuteranomaly
63, 8.341, 338.154

Tritanomaly
63, 8.720, 335.424

Monochromacy



Original Color
63, 8.060, 336.265

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 2.965, 330.633

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 8.060, 336.265 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(163, 148, 158)` looks like.

```
.text, #text, p{  
    color:rgb(163, 148, 158)  
}
```

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(163, 148, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 148, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 8.060, 336.265 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(163, 148, 158) }
```

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

```
.border{ border-color:rgb(163, 148, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 148, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 148, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 148, 158);  
box-shadow:4px 4px 4px 4px rgb(163, 148,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 8.060, 336.265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 148, 158) }
```

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

```
.background{ background-color: rgb(163,  
148, 158) }
```

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