

Converting Colors

CIELCh(64, 3.154, 298.358)

Have a look what the booklet for
CIELCh(64, 3.154, 298.358) contains.

CIELCh(64, 3.447, 303.232)	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(64, 3.447, 303.232)

Conversions

Conversions Part 1

Format	Color
Hex	9C9AA0
RGB	156, 154, 160
RGB Percent	61%, 60%, 63%
CMY	0.3875, 0.3954, 0.3718
CMYK	0.02, 0.04, 0.00, 0.37
HSL	260°, 3%, 62%
HSV	260°, 4%, 63%
XYZ	31.6922, 32.8017, 38.0023
YIQ	155.2820, -0.7340, 2.2900

Conversions

Conversions Part 2

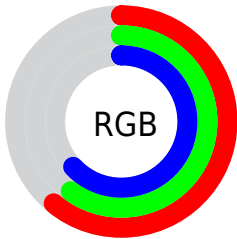
Format	Color
RYB	156, 154, 160
Decimal	10263200
CIELab	64.00, 1.89, -2.88
CIELCh	64, 3.447, 303.232
Yxy	32.8017, 0.3092, 0.3200
Android (android.graphics.Color)	4288453280 (0xFF9C9AA0)
YUV	155.2820, 2.3260, 0.6297
Hunter-Lab	57.2727, -1.4533, 0.7501

Details

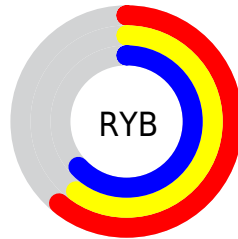
The CIELCh color $64, 3.447, 303.232$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 3.408, 122.857$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 3.779, 301.442$, and $44, 3.702, 303.321$ is the 20% darker color. If you saturate the color by 10%, you get $59, 12.843, 303.810$, and if you desaturate by 10%, it is $69, 5.636, 122.737$.

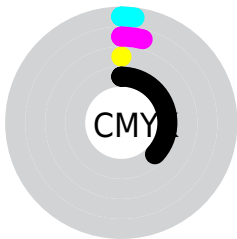
Distribution



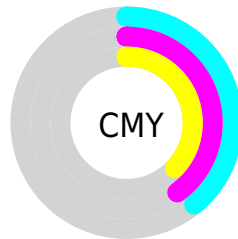
- Red (61%)
- Green (60%)
- Blue (63%)



- Red (61%)
- Yellow (60%)
- Blue (63%)



- Cyan (2%)
- Magenta (4%)
- Yellow (0%)
- Black (37%)



- Cyan (39%)
- Magenta (40%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 3.447, 303.232 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, 3.447, 303.232 by changing the saturation by 10% instead.

■ 64, 3.447, 303.232

■ 64, 3.447, 303.232

100, 3.447,
303.232

■ 54, 3.447, 303.232

■ 84, 3.447, 303.232

■ 44, 3.447, 303.232

■ 94, 3.447, 303.232

■ 34, 3.447, 303.232

■ 24, 3.447, 303.232

■ 14, 3.447, 303.232

■ 4, 3.447, 303.232

■ 0, 3.447, 303.232

■ 64, 3.447, 303.232

■ 64, 3.447, 303.232

■ 59, 12.843,

■ 69, 5.636, 122.737

303.810

74, 14.410,
122.288

54, 22.560,
304.464

79, 22.892,
121.901

48, 32.577,
305.188

84, 31.097,
121.568

43, 42.842,
305.974

89, 39.042,
121.280

38, 53.229,
306.796

94, 46.743,
121.033

34, 63.495,
307.606

96, 48.270,
117.701

29, 73.194,
308.318

97, 47.588,
112.859

26, 81.621,
308.801

98, 47.286,
107.835

23, 87.877,
308.895

Harmonies

Complementary

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



64, 3.447, 303.232



66, 3.408, 122.857

Rectangle

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



64, 3.447, 303.232



64, 3.447, 353.232



64, 3.447, 123.232



64, 3.447, 173.232

Sweetspot

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



64, 3.445, 303.221



83, 1.145, 303.036



65, 1.861, 234.132



44, 0.650, 303.030



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



64, 3.445, 303.221



81, 4.574, 303.241



64, 3.851, 319.424



32, 2.576, 303.272



18, 83.624, 308.983



1, 6.676, 302.395

Inverse Universe

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



64, 3.220, 335.817



82, 4.275, 335.847



65, 3.831, 139.189



32, 2.407, 335.894



31, 58.981, 346.869



1, 6.119, 337.143

Previews

White Background



This preview shows how the CIELCh color 64, 3.447, 303.232 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, 3.447, 303.232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

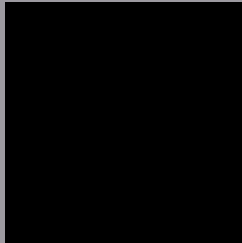
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

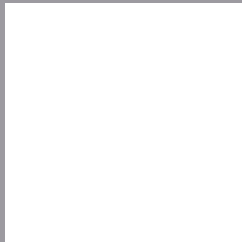
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 3.447, 303.232

Background



This preview shows how black text looks on a background with the CIELCh color 64, 3.447, 303.232.



This preview shows how white text looks on a background with the CIELCh color 64, 3.447, 303.232.

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, 3.447, 303.232

Protanopia

64, 3.447, 303.232

Deuteranopia

64, 8.975, 337.196



Tritanopia
64, 6.890, 303.436

Trichromacy



Original Color
64, 3.447, 303.232

Protanomaly
64, 3.447, 303.232

Deuteranomaly
64, 6.574, 330.265

Tritanomaly
64, 5.807, 305.787

Monochromacy



Original Color
64, 3.447, 303.232

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 1.122, 290.345

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 3.447, 303.232 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(156, 154, 160)` looks like.

```
.text, #text, p{  
    color:rgb(156, 154, 160)  
}
```

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(156, 154, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 154, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 3.447, 303.232 is called "border". The border property can be set on classes, ids or directly on the HTML element.

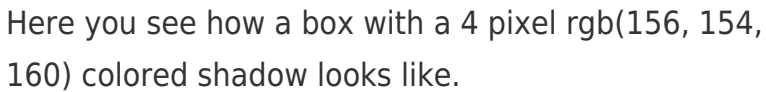
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(156, 154, 160) }
```

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

```
.border{ border-color:rgb(156, 154, 160) }
```

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



Here you see how a box with a 4 pixel `rgb(156, 154, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 154, 160); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 154, 160); box-shadow:4px 4px 4px 4px rgb(156, 154, 160) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 3.447, 303.232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 154, 160) }
```

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

```
.background{ background-color: rgb(156,  
154, 160) }
```

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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