

Converting Colors

CIELCh(64, 3.376, 296.971)

Have a look what the booklet for
CIELCh(64, 3.376, 296.971) contains.

CIELCh(64, 3.380, 296.972)	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, 3.380, 296.972)

Conversions

Conversions Part 1

Format	Color
Hex	9B9AA0
RGB	155, 154, 160
RGB Percent	61%, 60%, 63%
CMY	0.3906, 0.3945, 0.3710
CMYK	0.03, 0.04, 0.00, 0.37
HSL	250°, 3%, 62%
HSV	250°, 4%, 63%
XYZ	31.5947, 32.8017, 38.1070
YIQ	154.9830, -1.3300, 2.0780

Conversions

Conversions Part 2

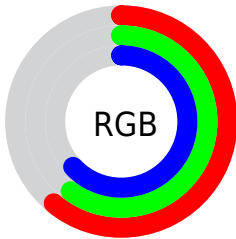
Format	Color
RYB	155, 154, 160
Decimal	10197664
CIELab	64.00, 1.53, -3.01
CIELCh	64, 3.380, 296.972
Yxy	32.8017, 0.3082, 0.3200
Android (android.graphics.Color)	4288387744 (0xFF9B9AA0)
YUV	154.9830, 2.4734, 0.0149
Hunter-Lab	57.2727, -1.7573, 0.6418

Details

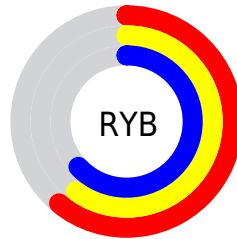
The CIELCh color $64, 3.380, 296.972$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 3.338, 116.431$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 3.723, 296.029$, and $44, 3.630, 297.087$ is the 20% darker color. If you saturate the color by 10%, you get $59, 12.625, 297.746$, and if you desaturate by 10%, it is $69, 5.525, 116.278$.

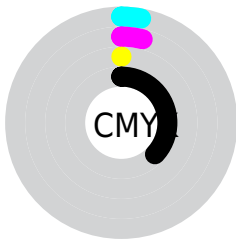
Distribution



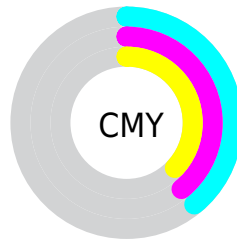
- Red (61%)
- Green (60%)
- Blue (63%)



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



- Cyan (3%)
- Magenta (4%)
- Yellow (0%)
- Black (37%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 3.380, 296.972 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, 3.380, 296.972 by changing the saturation by 10% instead.

■ 64, 3.380, 296.972

■ 64, 3.380, 296.972

100, 3.380,
296.972

■ 54, 3.380, 296.972

■ 84, 3.380, 296.972

■ 44, 3.380, 296.972

■ 94, 3.380, 296.972

■ 34, 3.380, 296.972

■ 24, 3.380, 296.972

■ 14, 3.380, 296.972

■ 4, 3.380, 296.972

■ 0, 3.380, 296.972

■ 64, 3.380, 296.972

■ 64, 3.380, 296.972

■ 59, 12.625,

■ 69, 5.525, 116.278

297.746

75, 14.107,
115.693

53, 22.234,
298.657

80, 22.387,
115.189

48, 32.212,
299.701

85, 30.385,
114.756

42, 42.544,
300.880

90, 38.120,
114.382

37, 53.153,
302.181

96, 45.610,
114.060

32, 63.840,
303.553

98, 47.234,
109.429

27, 74.164,
304.893

98, 47.169,
106.571

23, 83.308,
306.024

21, 90.095,
306.713

Harmonies

Complementary

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



64, 3.380, 296.972



66, 3.338, 116.431

Rectangle

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



64, 3.380, 296.972



64, 3.380, 346.972



64, 3.380, 116.972



64, 3.380, 166.972

Sweetspot

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



64, 3.378, 296.958



83, 1.122, 296.764



65, 1.981, 214.091



44, 0.637, 296.760



92, 0.011, 296.813



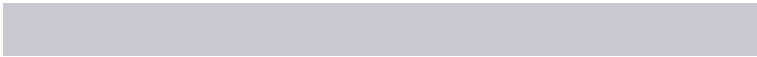
44, 0.006, 296.813

Same Dimension

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



64, 3.378, 296.958



81, 4.485, 296.983



64, 3.680, 314.242



32, 2.526, 297.023



16, 85.763, 307.122



0, 6.553, 296.358

Inverse Universe

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



64, 3.631, 329.530



82, 4.818, 329.555



66, 3.654, 134.018



32, 2.713, 329.595



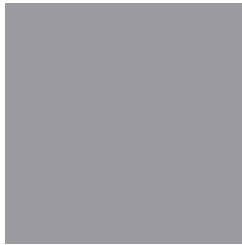
32, 66.084, 335.983



1, 6.929, 330.377

Previews

White Background



This preview shows how the CIELCh color 64, 3.380, 296.972 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, 3.380, 296.972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

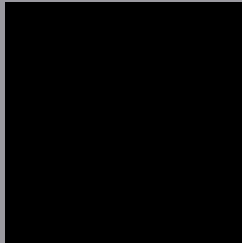
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

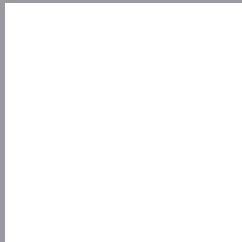
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 3.380, 296.972

Background



This preview shows how black text looks on a background with the CIELCh color 64, 3.380, 296.972.



This preview shows how white text looks on a background with the CIELCh color 64, 3.380, 296.972.

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, 3.380, 296.972

Protanopia

64, 3.447, 303.232

Deuteranopia

64, 8.975, 337.196



Tritanopia
64, 6.750, 297.235

Trichromacy



Original Color
64, 3.380, 296.972

Protanomaly
64, 3.447, 303.232

Deuteranomaly
64, 6.574, 330.265

Tritanomaly
64, 5.644, 298.408

Monochromacy



Original Color
64, 3.380, 296.972

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, 3.380, 296.972 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(155, 154, 160)` looks like.

```
.text, #text, p{  
    color:rgb(155, 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(155, 154, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 154, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 3.380, 296.972 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(155, 154, 160) }
```

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

```
.border{ border-color:rgb(155, 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(155, 154, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 154, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 154, 160);  
box-shadow:4px 4px 4px 4px rgb(155, 154,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 3.380, 296.972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 154, 160) }
```

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

```
.background{ background-color: rgb(155,  
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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