

Converting Colors

CIELCh(64, 6.004, 314.469)

Have a look what the booklet for
CIELCh(64, 6.004, 314.469) contains.

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Color

CIELCh(64, 6.053, 312.711)

Conversions

Conversions Part 1

Format	Color
Hex	9F99A3
RGB	159, 153, 163
RGB Percent	62%, 60%, 64%
CMY	0.3764, 0.4000, 0.3607
CMYK	0.02, 0.06, 0.00, 0.36
HSL	276°, 5%, 62%
HSV	276°, 6%, 64%
XYZ	32.3040, 32.8017, 39.2830
YIQ	155.9340, 0.3660, 4.3820

Conversions

Conversions Part 2

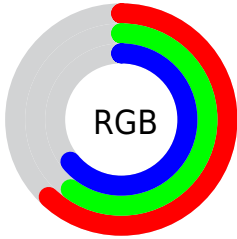
Format	Color
R_{YB}	159, 153, 163
Decimal	10459555
CIE _{Lab}	64.00, 4.11, -4.45
CIE _{LCh}	64, 6.053, 312.711
Yxy	32.8017, 0.3095, 0.3142
Android (android.graphics.Color)	4288649635 (0xFF9F99A3)
YUV	155.9340, 3.4835, 2.6889
Hunter-Lab	57.2727, 0.4534, -0.5757

Details

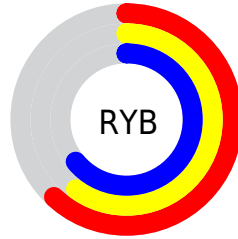
The CIELCh color **64, 6.053, 312.711** is a light color, and the websafe version is hex **999999**. A complement of this color would be **66, 6.001, 132.252**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 6.357, 313.865**, and **44, 5.948, 314.968** is the 20% darker color. If you saturate the color by 10%, you get **59, 16.106, 313.149**, and if you desaturate by 10%, it is **69, 3.751, 132.365**.

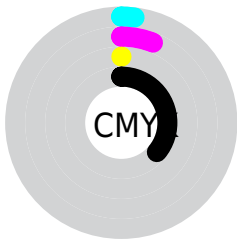
Distribution



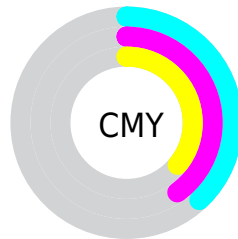
- Red (62%)
- Green (60%)
- Blue (64%)



- Red (62%)
- Yellow (60%)
- Blue (64%)



- Cyan (2%)
- Magenta (6%)
- Yellow (0%)
- Black (36%)



- Cyan (38%)
- Magenta (40%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 6.053, 312.711 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, 6.053, 312.711 by changing the saturation by 10% instead.

■ 64, 6.053, 312.711

■ 64, 6.053, 312.711

■ 100, 6.053,
312.711

■ 54, 6.053, 312.711

■ 84, 6.053, 312.711

■ 44, 6.053, 312.711

■ 94, 6.053, 312.711

■ 34, 6.053, 312.711

■ 24, 6.053, 312.711

■ 14, 6.053, 312.711

■ 4, 6.053, 312.711

■ 0, 6.053, 312.711

■ 64, 6.053, 312.711

■ 64, 6.053, 312.711

■ 59, 16.106,

■ 69, 3.751, 132.365

313.149

74, 13.279,
131.975

54, 26.368,
313.601

79, 22.527,
131.641

50, 36.749,
314.059

84, 31.499,
131.343

45, 47.100,
314.500

88, 40.203,
131.078

41, 57.176,
314.891

93, 48.652,
130.845

37, 66.612,
315.178

95, 50.037,
129.015

33, 74.902,
315.294

95, 49.111,
126.506

30, 81.456,
315.155

96, 48.281,
123.860

28, 85.841,
314.697

Harmonies

Complementary

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



64, 6.053, 312.711



66, 6.001, 132.252

Rectangle

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



64, 6.053, 312.711



64, 6.053, 2.711



64, 6.053, 132.711



64, 6.053, 182.711

Sweetspot

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



64, 6.051, 312.708



84, 2.434, 312.498



65, 3.578, 264.727



45, 1.395, 312.489



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



64, 6.051, 312.708



81, 8.552, 312.752



64, 6.400, 327.078



32, 4.476, 312.765



24, 80.226, 314.613



1, 8.522, 310.588

Inverse Universe

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



64, 4.465, 349.860



81, 6.313, 349.962



66, 6.384, 146.455



33, 3.304, 349.991



30, 55.689, 10.565



1, 6.211, 351.778

Previews

White Background



This preview shows how the CIELCh color 64, 6.053, 312.711 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 64, 6.053, 312.711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

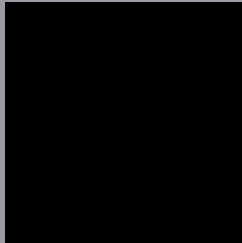
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

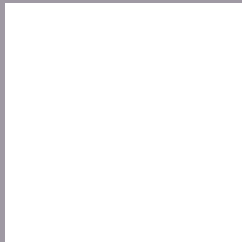
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 6.053, 312.711

Background



This preview shows how black text looks on a background with the CIELCh color 64, 6.053, 312.711.

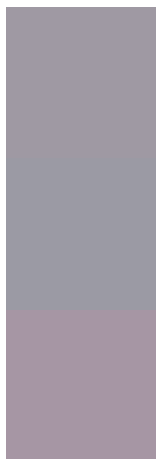


This preview shows how white text looks on a background with the CIELCh color 64, 6.053, 312.711.

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, 6.053, 312.711

Protanopia

64, 5.601, 294.612

Deuteranopia

64, 9.938, 328.573



Tritanopia
64, 7.098, 309.370

Trichromacy



Original Color
64, 6.053, 312.711

Protanomaly
64, 5.644, 298.408

Deuteranomaly
64, 8.604, 322.722

Tritanomaly
64, 6.572, 310.903

Monochromacy



Original Color
64, 6.053, 312.711

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 2.370, 309.133

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 6.053, 312.711 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(159, 153, 163)` looks like.

```
.text, #text, p{  
    color:rgb(159, 153, 163)  
}
```

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(159, 153, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 153, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 6.053, 312.711 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(159, 153, 163) }
```

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

```
.border{ border-color:rgb(159, 153, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 153, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 153, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 153, 163);  
box-shadow:4px 4px 4px 4px rgb(159, 153,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 6.053, 312.711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 153, 163) }
```

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

```
.background{ background-color: rgb(159,  
153, 163) }
```

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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