

Converting Colors

CIELCh(64, 3.297, 48.884)

Have a look what the booklet for
CIELCh(64, 3.297, 48.884) contains.

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Color

CIELCh(64, 3.183, 51.024)

Conversions

Conversions Part 1

Format	Color
Hex	A19A97
RGB	161, 154, 151
RGB Percent	63%, 60%, 59%
CMY	0.3696, 0.3971, 0.4089
CMYK	0.00, 0.04, 0.06, 0.37
HSL	18°, 5%, 61%
HSV	18°, 6%, 63%
XYZ	31.7232, 32.8017, 33.8275
YIQ	155.7510, 5.1350, 0.5510

Conversions

Conversions Part 2

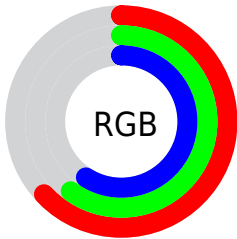
Format	Color
RYB	161, 155, 151
Decimal	10590871
CIELab	64.00, 2.00, 2.47
CIELCh	64, 3.183, 51.024
Yxy	32.8017, 0.3225, 0.3335
Android (android.graphics.Color)	4288780951 (0xFFA19A97)
YUV	155.7510, -2.3422, 4.6034
Hunter-Lab	57.2727, -1.3567, 5.0719

Details

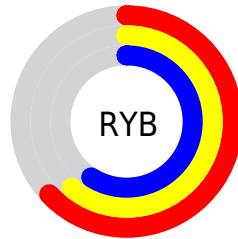
The CIELCh color **64, 3.183, 51.024** is a light color, and the websafe version is hex **999999**. A complement of this color would be **65, 3.086, 232.171**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 3.320, 47.752**, and **44, 3.086, 54.982** is the 20% darker color. If you saturate the color by 10%, you get **61, 8.614, 50.536**, and if you desaturate by 10%, it is **67, 1.873, 232.077**.

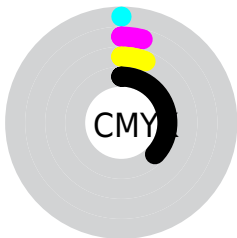
Distribution



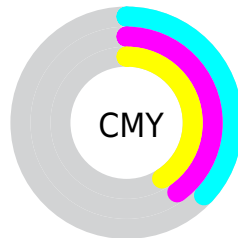
- Red (63%)
- Green (60%)
- Blue (59%)



- Red (63%)
- Yellow (61%)
- Blue (59%)



- Cyan (0%)
- Magenta (4%)
- Yellow (6%)
- Black (37%)



- Cyan (37%)
- Magenta (40%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 3.183, 51.024 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, 3.183, 51.024 by changing the saturation by 10% instead.

■ 64, 3.183, 51.024

■ 64, 3.183, 51.024

■ 100, 3.183, 51.024

■ 54, 3.183, 51.024

■ 84, 3.183, 51.024

■ 44, 3.183, 51.024

■ 94, 3.183, 51.024

■ 34, 3.183, 51.024

■ 24, 3.183, 51.024

■ 14, 3.183, 51.024

■ 4, 3.183, 51.024

■ 0, 3.183, 51.024

■ 64, 3.183, 51.024

■ 64, 3.183, 51.024

■ 61, 8.614, 50.536

■ 67, 1.873, 232.077

57, 14.461, 50.012

71, 6.594, 232.596

54, 20.756, 49.563

74, 11.018,
233.269

51, 27.517, 49.214

78, 15.181,
233.963

48, 34.734, 48.981

45, 42.337, 48.855

82, 19.115,
234.660

42, 50.134, 48.773

85, 22.848,
235.350

40, 57.684, 48.546

38, 64.193, 47.841

88, 24.594,
226.931

91, 26.083,
210.916

94, 29.190,
197.651

Harmonies

Complementary

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



64, 3.183, 51.024



65, 3.086, 232.171

Rectangle

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



64, 3.183, 51.024



64, 3.183, 101.024



64, 3.183, 231.024



64, 3.183, 281.024

Sweetspot

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



64, 3.183, 51.059



83, 1.246, 51.044



63, 5.503, 334.647



44, 0.707, 51.025



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, 3.183, 51.059



81, 4.453, 51.019



65, 4.483, 99.688



33, 2.355, 51.006



34, 61.691, 48.041



2, 4.501, 48.098

Inverse Universe

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



65, 3.086, 232.171



82, 4.295, 232.224



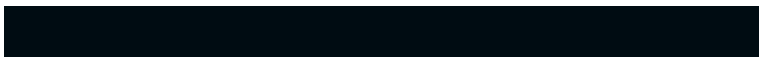
63, 4.525, 281.142



34, 2.268, 232.242



40, 31.944, 255.112



3, 4.486, 238.665

Previews

White Background



This preview shows how the CIELCh color 64, 3.183, 51.024 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, 3.183, 51.024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

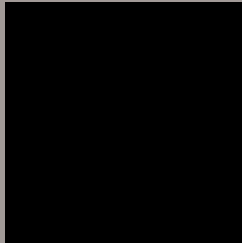
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

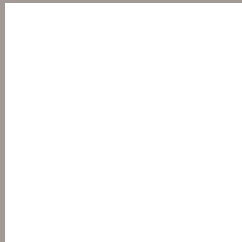
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 3.183, 51.024

Background



This preview shows how black text looks on a background with the CIELCh color 64, 3.183, 51.024.



This preview shows how white text looks on a background with the CIELCh color 64, 3.183, 51.024.

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, 3.183, 51.024

Protanopia

64, 2.546, 60.234

Deuteranopia

64, 8.282, 16.317



Tritanopia
64, 7.923, 322.509

Trichromacy



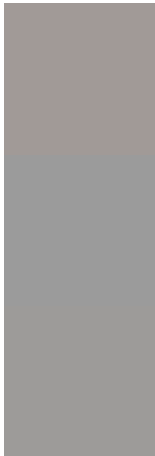
Original Color
64, 3.183, 51.024

Protanomaly
64, 2.855, 55.117

Deuteranomaly
64, 6.272, 19.929

Tritanomaly
64, 4.827, 335.984

Monochromacy



Original Color
64, 3.183, 51.024

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 1.341, 74.891

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 3.183, 51.024 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(161, 154, 151)` looks like.

```
.text, #text, p{  
    color:rgb(161, 154, 151)  
}
```

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(161, 154, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 154, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 3.183, 51.024 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(161, 154, 151) }
```

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

```
.border{ border-color:rgb(161, 154, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 154, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 154, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 154, 151);  
box-shadow:4px 4px 4px 4px rgb(161, 154,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 3.183, 51.024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 154, 151) }
```

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

```
.background{ background-color: rgb(161,  
154, 151) }
```

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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