

Converting Colors

CIELCh(64, 8.500, 31.334)

Have a look what the booklet for
CIELCh(64, 8.500, 31.334) contains.

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Color

CIELCh(64, 8.511, 31.371)

Conversions

Conversions Part 1

Format	Color
Hex	AB9693
RGB	171, 150, 147
RGB Percent	67%, 59%, 58%
CMY	0.3275, 0.4099, 0.4216
CMYK	0.00, 0.12, 0.14, 0.33
HSL	8°, 13%, 63%
HSV	8°, 14%, 67%
XYZ	33.1899, 32.8017, 32.3831
YIQ	155.9370, 13.4790, 3.5190

Conversions

Conversions Part 2

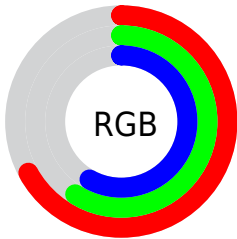
Format	Color
RYB	171, 150, 147
Decimal	11245203
CIELab	64.00, 7.27, 4.43
CIElCh	64, 8.511, 31.371
Yxy	32.8017, 0.3374, 0.3334
Android (android.graphics.Color)	4289435283 (0xFFAB9693)
YUV	155.9370, -4.4059, 13.2103
Hunter-Lab	57.2727, 3.2145, 6.5673

Details

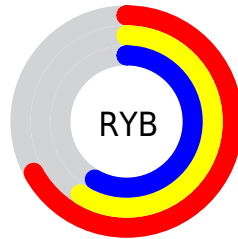
The CIELCh color $64, 8.511, 31.371$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 7.769, 211.196$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 8.354, 30.790$, and $44, 8.708, 28.285$ is the 20% darker color. If you saturate the color by 10%, you get $60, 15.199, 31.751$, and if you desaturate by 10%, it is $68, 2.336, 31.031$.

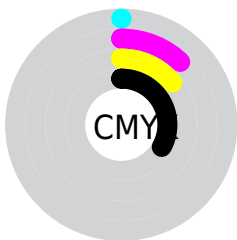
Distribution



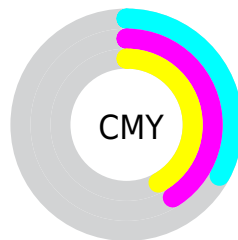
- Red (67%)
- Green (59%)
- Blue (58%)



- Red (67%)
- Yellow (59%)
- Blue (58%)



- Cyan (0%)
- Magenta (12%)
- Yellow (14%)
- Black (33%)



- Cyan (33%)
- Magenta (41%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 8.511, 31.371 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, 8.511, 31.371 by changing the saturation by 10% instead.

 64, 8.511, 31.371  64, 8.511, 31.371

 100, 8.511, 31.371  54, 8.511, 31.371

 84, 8.511, 31.371  44, 8.511, 31.371

 94, 8.511, 31.371  34, 8.511, 31.371

 24, 8.511, 31.371

 14, 8.511, 31.371

 4, 8.511, 31.371

 0, 8.511, 31.371

 64, 8.511, 31.371  64, 8.511, 31.371

 60, 15.199, 31.751  68, 2.336, 31.031

56, 22.430, 32.287

73, 3.364, 211.298

52, 30.202, 33.055

77, 8.635, 211.196

48, 38.470, 34.113

82, 13.525,
211.223

44, 47.123, 35.504

86, 18.079,
211.305

42, 55.942, 37.223

39, 64.484, 39.111

91, 22.339,
211.422

37, 71.791, 40.666

95, 26.348,
197.793

36, 75.589, 41.702

Harmonies

Complementary

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



64, 8.511, 31.371



68, 7.769, 211.196

Rectangle

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



64, 8.511, 31.371



64, 8.511, 81.371



64, 8.511, 211.371



64, 8.511, 261.371

Sweetspot

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



64, 8.510, 31.384



86, 2.878, 31.035



64, 14.950, 328.574



46, 2.068, 31.079



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



64, 8.510, 31.384



79, 12.911, 31.490



67, 8.920, 85.137



34, 3.405, 31.244



32, 68.125, 41.584



2, 7.085, 28.811

Inverse Universe

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



68, 7.769, 211.196



85, 11.517, 211.199



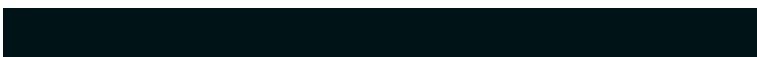
64, 8.825, 268.846



36, 3.210, 211.225



50, 29.672, 218.949



5, 6.704, 216.790

Previews

White Background



This preview shows how the CIELCh color 64, 8.511, 31.371 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, 8.511, 31.371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

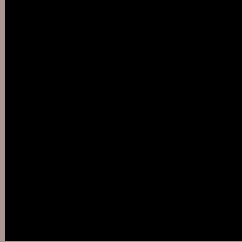
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 8.511, 31.371

Background



This preview shows how black text looks on a background with the CIELCh color 64, 8.511, 31.371.



This preview shows how white text looks on a background with the CIELCh color 64, 8.511, 31.371.

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, 8.511, 31.371

Protanopia

64, 3.169, 80.407

Deuteranopia

64, 9.202, 27.112



Tritanopia
64, 11.114, 347.139

Trichromacy



Original Color
64, 8.511, 31.371

Protanomaly
64, 4.848, 46.905

Deuteranomaly
64, 8.800, 27.392

Tritanomaly
64, 9.026, 2.369

Monochromacy



Original Color
64, 8.511, 31.371

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 3.149, 29.691

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 8.511, 31.371 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(171, 150, 147)` looks like.

```
.text, #text, p{  
    color:rgb(171, 150, 147)  
}
```

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(171, 150, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 150, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 8.511, 31.371 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(171, 150, 147) }
```

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

```
.border{ border-color:rgb(171, 150, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 150, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 150, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 150, 147);  
box-shadow:4px 4px 4px 4px rgb(171, 150,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 8.511, 31.371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 150, 147) }
```

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

```
.background{ background-color: rgb(171,  
150, 147) }
```

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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