

Converting Colors

CIELCh(64, 9.057, 329.582)

Have a look what the booklet for
CIELCh(64, 9.057, 329.582) contains.

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Color

CIELCh(64, 8.834, 331.049)

Conversions

Conversions Part 1

Format	Color
Hex	A697A3
RGB	166, 151, 163
RGB Percent	65%, 59%, 64%
CMY	0.3497, 0.4085, 0.3615
CMYK	0.00, 0.09, 0.02, 0.35
HSL	312°, 8%, 62%
HSV	312°, 9%, 65%
XYZ	33.3211, 32.8017, 39.1413
YIQ	156.8530, 5.0880, 6.9120

Conversions

Conversions Part 2

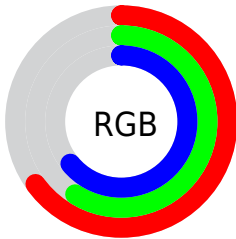
Format	Color
RYB	166, 151, 163
Decimal	10917795
CIELab	64.00, 7.73, -4.28
CIELCh	64, 8.834, 331.049
Yxy	32.8017, 0.3165, 0.3116
Android (android.graphics.Color)	4289107875 (0xFFA697A3)
YUV	156.8530, 3.0305, 8.0219
Hunter-Lab	57.2727, 3.6233, -0.4290

Details

The CIELCh color $64, 8.834, 331.049$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $67, 8.804, 149.984$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 9.003, 330.503$, and $44, 8.753, 331.745$ is the 20% darker color. If you saturate the color by 10%, you get $60, 18.695, 331.697$, and if you desaturate by 10%, it is $68, 0.919, 150.766$.

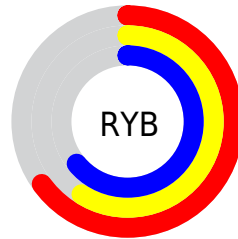
Distribution



Red (65%)

Green (59%)

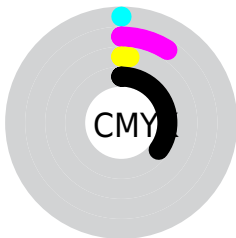
Blue (64%)



Red (65%)

Yellow (59%)

Blue (64%)

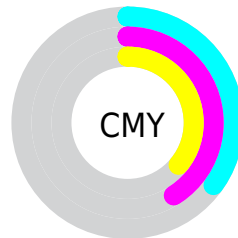


Cyan (0%)

Magenta (9%)

Yellow (2%)

Black (35%)



Cyan (35%)

Magenta (41%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 8.834, 331.049 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, 8.834, 331.049 by changing the saturation by 10% instead.

■ 64, 8.834, 331.049

■ 64, 8.834, 331.049

■ 100, 8.834,
331.049

■ 54, 8.834, 331.049

■ 84, 8.834, 331.049

■ 44, 8.834, 331.049

■ 94, 8.834, 331.049

■ 34, 8.834, 331.049

■ 24, 8.834, 331.049

■ 14, 8.834, 331.049

■ 4, 8.834, 331.049

■ 0, 8.834, 331.049

■ 64, 8.834, 331.049

■ 64, 8.834, 331.049

■ 60, 18.695,

■ 68, 0.919, 150.766

331.697

73, 10.472,
149.919

55, 28.530,
332.356

78, 19.776,
149.353

52, 38.127,
333.034

82, 28.810,
148.823

48, 47.195,
333.733

87, 37.568,
148.322

45, 55.362,
334.459

92, 46.053,
147.850

42, 62.200,
335.222

93, 47.449,
148.630

40, 67.300,
336.043

93, 46.136,
149.953

38, 70.380,
336.951

93, 44.839,
151.347

38, 71.683,
337.963

Harmonies

Complementary

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



64, 8.834, 331.049



67, 8.804, 149.984

Rectangle

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



64, 8.834, 331.049



64, 8.834, 21.049



64, 8.834, 151.049



64, 8.834, 201.049

Sweetspot

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



64, 8.832, 331.050



85, 3.631, 330.624



63, 8.488, 298.623



45, 2.775, 330.691



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



64, 8.832, 331.050



80, 13.379, 331.191



64, 6.342, 356.737



33, 5.596, 331.067



33, 66.099, 337.948



2, 9.711, 332.763

Inverse Universe

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



64, 8.832, 331.050



80, 13.379, 331.191



67, 6.181, 175.210



33, 5.596, 331.067



33, 66.099, 337.948



2, 9.711, 332.763

Previews

White Background



This preview shows how the CIELCh color 64, 8.834, 331.049 looks on a white background.

Color Contrast Check

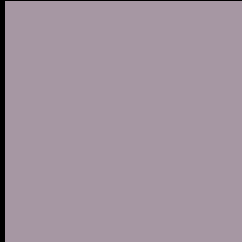
Large Text (above 18pt) WCAG AA × Fail

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, 8.834, 331.049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

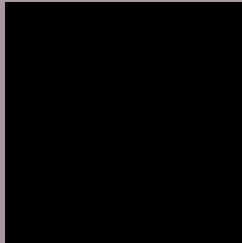
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 8.834, 331.049

Background



This preview shows how black text looks on a background with the CIELCh color 64, 8.834, 331.049.



This preview shows how white text looks on a background with the CIELCh color 64, 8.834, 331.049.

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, 8.834, 331.049

Protanopia

64, 6.158, 294.315

Deuteranopia

64, 9.086, 332.920



Tritanopia
64, 8.834, 331.049

Trichromacy



Original Color
64, 8.834, 331.049

Protanomaly
64, 6.572, 310.903

Deuteranomaly
64, 9.086, 332.920

Tritanomaly
64, 8.834, 331.049

Monochromacy



Original Color
64, 8.834, 331.049

Achromatopsia
65, 0.008, 296.813

Achromatomaly
64, 2.954, 330.629

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 8.834, 331.049 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(166, 151, 163)` looks like.

```
.text, #text, p{  
    color:rgb(166, 151, 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(166, 151, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 151, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 8.834, 331.049 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(166, 151, 163) }
```

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

```
.border{ border-color:rgb(166, 151, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 151, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 151, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 151, 163);  
box-shadow:4px 4px 4px 4px rgb(166, 151,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 8.834, 331.049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 151, 163) }
```

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

```
.background{ background-color: rgb(166,  
151, 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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