

Converting Colors

CIELCh(64, 8.889, 334.985)

Have a look what the booklet for
CIELCh(64, 8.889, 334.985) contains.

CIELCh(64, 8.690, 335.412)	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, 8.690, 335.412)

Conversions

Conversions Part 1

Format	Color
Hex	A797A2
RGB	167, 151, 162
RGB Percent	65%, 59%, 64%
CMY	0.3464, 0.4091, 0.3660
CMYK	0.00, 0.10, 0.03, 0.35
HSL	319°, 8%, 62%
HSV	319°, 10%, 65%
XYZ	33.3698, 32.8017, 38.5985
YIQ	157.0380, 6.0050, 6.8130

Conversions

Conversions Part 2

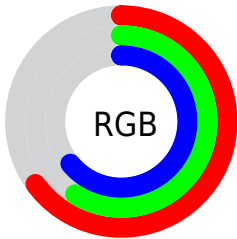
Format	Color
RYB	167, 151, 162
Decimal	10983330
CIELab	64.00, 7.90, -3.62
CIELCh	64, 8.690, 335.412
Yxy	32.8017, 0.3185, 0.3131
Android (android.graphics.Color)	4289173410 (0xFFA797A2)
YUV	157.0380, 2.4463, 8.7367
Hunter-Lab	57.2727, 3.7753, 0.1329

Details

The CIELCh color $64, 8.690, 335.412$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $67, 8.641, 154.161$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 8.859, 334.527$, and $44, 8.609, 336.521$ is the 20% darker color. If you saturate the color by 10%, you get $60, 17.854, 336.152$, and if you desaturate by 10%, it is $69, 0.356, 155.612$.

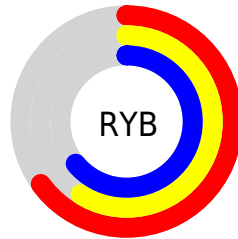
Distribution



Red (65%)

Green (59%)

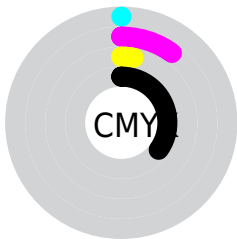
Blue (64%)



Red (65%)

Yellow (59%)

Blue (64%)

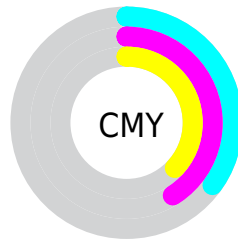


Cyan (0%)

Magenta (10%)

Yellow (3%)

Black (35%)



Cyan (35%)

Magenta (41%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 8.690, 335.412 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, 8.690, 335.412 by changing the saturation by 10% instead.

■ 64, 8.690, 335.412

■ 64, 8.690, 335.412

■ 100, 8.690,
335.412

■ 54, 8.690, 335.412

■ 84, 8.690, 335.412

■ 44, 8.690, 335.412

■ 94, 8.690, 335.412

■ 34, 8.690, 335.412

■ 24, 8.690, 335.412

■ 14, 8.690, 335.412

■ 4, 8.690, 335.412

■ 0, 8.690, 335.412

■ 64, 8.690, 335.412

■ 64, 8.690, 335.412

■ 60, 17.854,

■ 69, 0.356, 155.612

336.152

73, 9.200, 154.169

55, 27.013,
336.927

78, 17.801,
153.555

51, 35.967,
337.758

83, 26.142,
152.986

48, 44.433,
338.661

87, 34.220,
152.453

44, 52.046,
339.662

92, 42.043,
151.952

41, 58.377,
340.796

93, 42.560,
153.592

39, 63.014,
342.119

93, 40.617,
156.166

38, 65.674,
343.702

94, 38.741,
158.980

37, 66.672,
345.564

Harmonies

Complementary

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



64, 8.690, 335.412



67, 8.641, 154.161

Rectangle

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



64, 8.690, 335.412



64, 8.690, 25.412



64, 8.690, 155.412



64, 8.690, 205.412

Sweetspot

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



64, 8.688, 335.414



85, 3.349, 334.893



63, 9.156, 302.357



45, 2.560, 334.968



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, 8.688, 335.414



80, 13.483, 335.606



64, 6.482, 4.066



33, 5.164, 335.392



32, 61.222, 345.414



2, 8.855, 338.088

Inverse Universe

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



64, 8.688, 335.414



80, 13.483, 335.606



67, 6.245, 182.482



33, 5.164, 335.392



32, 61.222, 345.414



2, 8.855, 338.088

Previews

White Background



This preview shows how the CIELCh color 64, 8.690, 335.412 looks on a white background.

Color Contrast Check

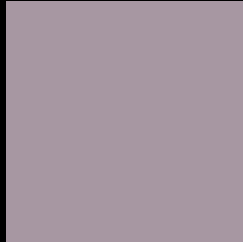
Large Text (above 18pt) WCAG AA × Fail

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, 8.690, 335.412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

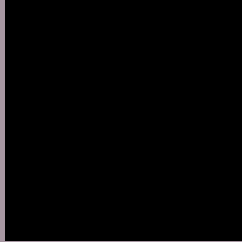
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 8.690, 335.412

Background



This preview shows how black text looks on a background with the CIELCh color 64, 8.690, 335.412.



This preview shows how white text looks on a background with the CIELCh color 64, 8.690, 335.412.

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, 8.690, 335.412

Protanopia

64, 5.601, 294.612

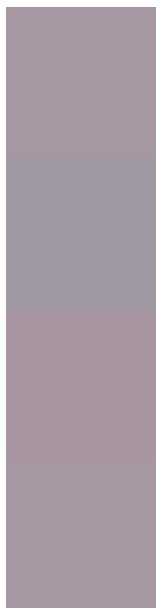
Deuteranopia

64, 9.359, 334.698



Tritanopia
64, 8.690, 335.412

Trichromacy



Original Color
64, 8.690, 335.412

Protanomaly
64, 6.053, 312.711

Deuteranomaly
64, 9.359, 334.698

Tritanomaly
64, 8.690, 335.412

Monochromacy



Original Color
64, 8.690, 335.412

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 3.218, 335.827

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 8.690, 335.412 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(167, 151, 162)` looks like.

```
.text, #text, p{  
    color:rgb(167, 151, 162)  
}
```

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(167, 151, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 151, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 8.690, 335.412 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(167, 151, 162) }
```

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

```
.border{ border-color:rgb(167, 151, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 151, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 151, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 151, 162);  
box-shadow:4px 4px 4px 4px rgb(167, 151,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 8.690, 335.412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 151, 162) }
```

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

```
.background{ background-color: rgb(167,  
151, 162) }
```

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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