

Converting Colors

CIELCh(64, 5.213, 338.065)

Have a look what the booklet for
CIELCh(64, 5.213, 338.065) contains.

CIELCh(64, 5.496, 334.643)	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, 5.496, 334.643)

Conversions

Conversions Part 1

Format	Color
Hex	A2989F
RGB	162, 152, 159
RGB Percent	64%, 60%, 62%
CMY	0.3633, 0.4026, 0.3751
CMYK	0.00, 0.06, 0.02, 0.36
HSL	318°, 5%, 62%
HSV	318°, 6%, 64%
XYZ	32.5436, 32.8017, 37.5752
YIQ	155.7880, 3.7130, 4.2970

Conversions

Conversions Part 2

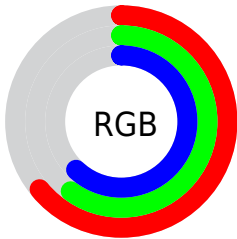
Format	Color
R_{YB}	162, 152, 159
Decimal	10655903
CIE _{Lab}	64.00, 4.97, -2.35
CIE _{LCh}	64, 5.496, 334.643
Yxy	32.8017, 0.3162, 0.3187
Android (android.graphics.Color)	4288845983 (0xFFA2989F)
YUV	155.7880, 1.5835, 5.4479
Hunter-Lab	57.2727, 1.2003, 1.1922

Details

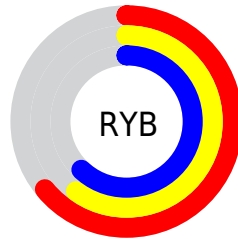
The CIELCh color $64, 5.496, 334.643$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 5.469, 153.927$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 5.835, 333.481$, and $44, 5.616, 331.769$ is the 20% darker color. If you saturate the color by 10%, you get $60, 14.514, 335.372$, and if you desaturate by 10%, it is $68, 3.377, 154.132$.

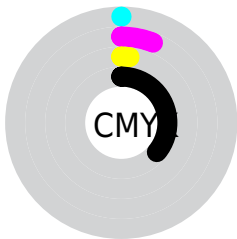
Distribution



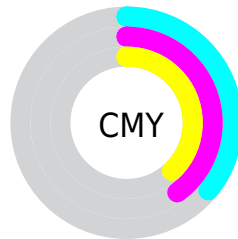
- Red (64%)
- Green (60%)
- Blue (62%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 5.496, 334.643 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, 5.496, 334.643 by changing the saturation by 10% instead.

64, 5.496, 334.643

64, 5.496, 334.643

100, 5.496,
334.643

54, 5.496, 334.643

84, 5.496, 334.643

44, 5.496, 334.643

94, 5.496, 334.643

34, 5.496, 334.643

24, 5.496, 334.643

14, 5.496, 334.643

4, 5.496, 334.643

0, 5.496, 334.643

64, 5.496, 334.643

64, 5.496, 334.643

60, 14.514,

68, 3.377, 154.132

335.372

73, 12.036,
153.455

55, 23.575,
336.117

78, 20.450,
152.864

51, 32.506,
336.908

82, 28.606,
152.313

48, 41.060,
337.759

87, 36.506,
151.796

44, 48.908,
338.690

92, 44.158,
151.310

41, 55.646,
339.728

93, 45.304,
152.562

39, 60.854,
340.918

93, 43.459,
154.773

37, 64.198,
342.321

93, 41.665,
157.166

36, 65.615,
344.000

Harmonies

Complementary

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



64, 5.496, 334.643



66, 5.469, 153.927

Rectangle

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



64, 5.496, 334.643



64, 5.496, 24.643



64, 5.496, 154.643



64, 5.496, 204.643

Sweetspot

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



64, 5.494, 334.646



84, 2.210, 334.265



64, 5.722, 302.145



45, 1.267, 334.248



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, 5.494, 334.646



81, 7.753, 334.719



64, 4.037, 3.695



33, 4.057, 334.740



32, 60.938, 344.478



1, 7.531, 336.681

Inverse Universe

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



64, 5.494, 334.646



81, 7.753, 334.719



66, 3.940, 182.827



33, 4.057, 334.740



32, 60.938, 344.478



1, 7.531, 336.681

Previews

White Background



This preview shows how the CIELCh color 64, 5.496, 334.643 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, 5.496, 334.643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

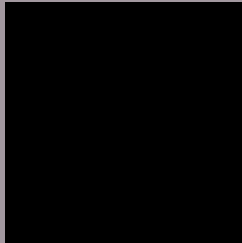
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

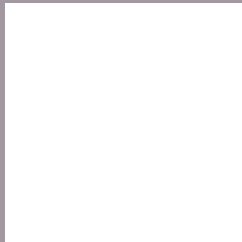
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 5.496, 334.643

Background



This preview shows how black text looks on a background with the CIELCh color 64, 5.496, 334.643.



This preview shows how white text looks on a background with the CIELCh color 64, 5.496, 334.643.

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, 5.496, 334.643

Protanopia

64, 3.447, 303.232

Deuteranopia

64, 8.907, 341.575



Tritanopia
64, 7.923, 322.509

Trichromacy



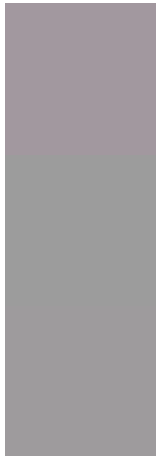
Original Color
64, 5.496, 334.643

Protanomaly
64, 4.370, 316.327

Deuteranomaly
64, 7.660, 339.260

Tritanomaly
64, 7.008, 327.343

Monochromacy



Original Color
64, 5.496, 334.643

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 1.614, 335.613

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 5.496, 334.643 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(162, 152, 159)` looks like.

```
.text, #text, p{  
    color:rgb(162, 152, 159)  
}
```

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(162, 152, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 152, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 5.496, 334.643 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(162, 152, 159) }
```

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

```
.border{ border-color:rgb(162, 152, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 152, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 152, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 152, 159);  
box-shadow:4px 4px 4px 4px rgb(162, 152,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 5.496, 334.643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 152, 159) }
```

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

```
.background{ background-color: rgb(162,  
152, 159) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor