

Converting Colors

CIELCh(65, 8.510, 344.391)

Have a look what the booklet for
CIELCh(65, 8.510, 344.391) contains.

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Color

CIELCh(65, 8.548, 344.479)

Conversions

Conversions Part 1

Format	Color
Hex	AB99A2
RGB	171, 153, 162
RGB Percent	67%, 60%, 64%
CMY	0.3294, 0.4000, 0.3647
CMYK	0.00, 0.11, 0.05, 0.33
HSL	330°, 10%, 64%
HSV	330°, 11%, 67%
XYZ	34.7055, 34.0472, 38.9231
YIQ	159.4080, 7.8390, 6.6150

Conversions

Conversions Part 2

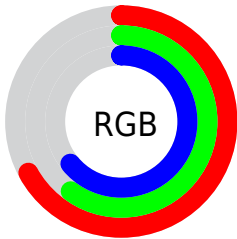
Format	Color
RYB	171, 153, 162
Decimal	11245986
CIELab	65.00, 8.24, -2.29
CIElCh	65, 8.548, 344.479
Yxy	34.0472, 0.3223, 0.3162
Android (android.graphics.Color)	4289436066 (0xFFAB99A2)
YUV	159.4080, 1.2779, 10.1662
Hunter-Lab	58.3500, 4.0561, 1.2948

Details

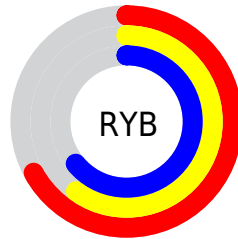
The CIELCh color $65, 8.548, 344.479$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 8.430, 162.827$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 8.700, 342.895$, and $45, 8.493, 346.428$ is the 20% darker color. If you saturate the color by 10%, you get $60, 16.838, 345.420$, and if you desaturate by 10%, it is $70, 0.426, 342.849$.

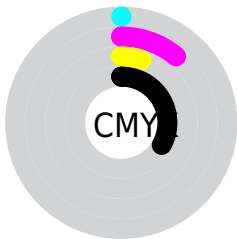
Distribution



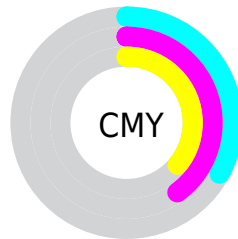
- Red (67%)
- Green (60%)
- Blue (64%)



- Red (67%)
- Yellow (60%)
- Blue (64%)



- Cyan (0%)
- Magenta (11%)
- Yellow (5%)
- Black (33%)



- Cyan (33%)
- Magenta (40%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 8.548, 344.479 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 65, 8.548, 344.479 by changing the saturation by 10% instead.

■ 65, 8.548, 344.479

■ 65, 8.548, 344.479

■ 100, 8.548,
344.479

■ 55, 8.548, 344.479

■ 85, 8.548, 344.479

■ 45, 8.548, 344.479

■ 95, 8.548, 344.479

■ 35, 8.548, 344.479

■ 25, 8.548, 344.479

■ 15, 8.548, 344.479

■ 5, 8.548, 344.479

■ 0, 8.548, 344.479

■ 65, 8.548, 344.479

■ 65, 8.548, 344.479

■ 60, 16.838,

■ 70, 0.426, 342.849

345.420

75, 7.462, 162.992

56, 25.191,
346.455

79, 15.087,
162.276

52, 33.426,
347.629

84, 22.444,
161.629

48, 41.280,
348.994

89, 29.537,
161.034

44, 48.402,
350.620

94, 36.040,
160.686

41, 54.379,
352.605

94, 33.249,
166.440

39, 58.822,
355.084

94, 30.792,
173.138

38, 61.506,
358.211

94, 28.766,
180.850

37, 62.845, 1.739

Harmonies

Complementary

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



65, 8.548, 344.479



68, 8.430, 162.827

Rectangle

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



65, 8.548, 344.479



65, 8.548, 34.479



65, 8.548, 164.479



65, 8.548, 214.479

Sweetspot

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



65, 8.546, 344.483



87, 2.986, 343.753



64, 10.621, 309.524



46, 2.283, 343.848



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



65, 8.546, 344.483



81, 13.087, 344.730



65, 7.050, 20.004



34, 4.643, 344.373



32, 57.248, 1.256



2, 9.136, 348.808

Inverse Universe

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



65, 8.546, 344.483



81, 13.087, 344.730



69, 6.603, 198.917



34, 4.643, 344.373



32, 57.248, 1.256



2, 9.136, 348.808

Previews

White Background



This preview shows how the CIELCh color 65, 8.548, 344.479 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 65, 8.548, 344.479 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 65, 8.548, 344.479

Background



This preview shows how black text looks on a background with the CIELCh color 65, 8.548, 344.479.



This preview shows how white text looks on a background with the CIELCh color 65, 8.548, 344.479.

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

65, 8.548, 344.479

Protanopia

65, 3.979, 301.500

Deuteranopia

65, 8.548, 344.479



Tritanopia
65, 9.597, 336.367

Trichromacy



Original Color
65, 8.548, 344.479

Protanomaly
65, 4.740, 324.626

Deuteranomaly
65, 8.548, 344.479

Tritanomaly
65, 9.227, 338.860

Monochromacy



Original Color
65, 8.548, 344.479

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 2.852, 343.823

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 8.548, 344.479 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, 153, 162)` looks like.

```
.text, #text, p{  
    color:rgb(171, 153, 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(171, 153, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 153, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 8.548, 344.479 is called "border". The border property can be set on classes, ids or directly on the HTML element.

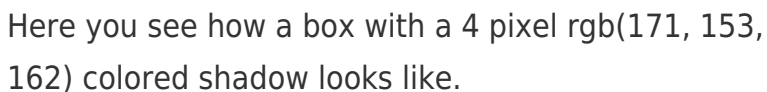
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(171, 153, 162) }
```

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

```
.border{ border-color:rgb(171, 153, 162) }
```

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



Here you see how a box with a 4 pixel `rgb(171, 153, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 153, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 153, 162); box-shadow:4px 4px 4px 4px rgb(171, 153, 162) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 8.548, 344.479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 153, 162) }
```

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

```
.background{ background-color: rgb(171,  
153, 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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