

Converting Colors

CIELCh(65, 8.936, 318.927)

Have a look what the booklet for
CIELCh(65, 8.936, 318.927) contains.

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Color

CIELCh(65, 8.864, 318.719)

Conversions

Conversions Part 1

Format	Color
Hex	A59AA8
RGB	165, 154, 168
RGB Percent	65%, 60%, 66%
CMY	0.3520, 0.3952, 0.3403
CMYK	0.02, 0.08, 0.00, 0.34
HSL	287°, 7%, 63%
HSV	287°, 8%, 66%
XYZ	34.2486, 34.0472, 41.9264
YIQ	158.8850, 2.0620, 6.6860

Conversions

Conversions Part 2

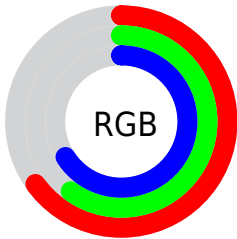
Format	Color
RYB	165, 154, 168
Decimal	10853032
CIELab	65.00, 6.66, -5.85
CIELCh	65, 8.864, 318.719
Yxy	34.0472, 0.3107, 0.3089
Android (android.graphics.Color)	4289043112 (0xFFA59AA8)
YUV	158.8850, 4.4937, 5.3629
Hunter-Lab	58.3500, 2.6584, -1.7569

Details

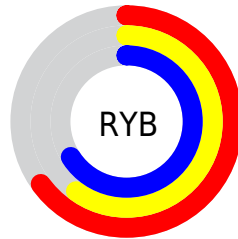
The CIELCh color $65, 8.864, 318.719$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 8.813, 138.032$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 9.034, 319.083$, and $45, 8.783, 318.328$ is the 20% darker color. If you saturate the color by 10%, you get $60, 19.670, 319.165$, and if you desaturate by 10%, it is $70, 1.758, 138.415$.

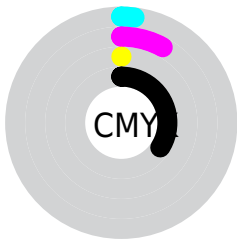
Distribution



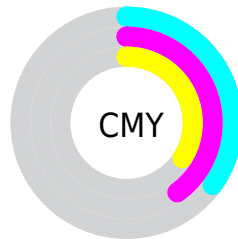
- Red (65%)
- Green (60%)
- Blue (66%)



- Red (65%)
- Yellow (60%)
- Blue (66%)



- Cyan (2%)
- Magenta (8%)
- Yellow (0%)
- Black (34%)



- Cyan (35%)
- Magenta (40%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 8.864, 318.719 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, 8.864, 318.719 by changing the saturation by 10% instead.

■ 65, 8.864, 318.719

■ 65, 8.864, 318.719

■ 100, 8.864,
318.719

■ 55, 8.864, 318.719

■ 85, 8.864, 318.719

■ 45, 8.864, 318.719

■ 95, 8.864, 318.719

■ 35, 8.864, 318.719

■ 25, 8.864, 318.719

■ 15, 8.864, 318.719

■ 5, 8.864, 318.719

■ 0, 8.864, 318.719

■ 65, 8.864, 318.719

■ 65, 8.864, 318.719

■ 60, 19.670,

■ 70, 1.758, 138.415

319.165

75, 12.131,
137.922

56, 30.564,
319.604

79, 22.228,
137.534

51, 41.385,
320.023

84, 32.035,
137.176

47, 51.891,
320.398

89, 41.552,
136.848

43, 61.741,
320.697

94, 50.685,
136.539

40, 70.499,
320.881

94, 50.039,
135.354

37, 77.670,
320.903

94, 49.409,
134.123

35, 82.812,
320.718

94, 48.799,
132.845

34, 85.934,
320.324

Harmonies

Complementary

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



65, 8.864, 318.719



68, 8.813, 138.032

Rectangle

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



65, 8.864, 318.719



65, 8.864, 8.719



65, 8.864, 138.719



65, 8.864, 188.719

Sweetspot

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



65, 8.862, 318.718



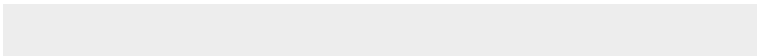
86, 2.632, 318.386



65, 6.183, 280.388



46, 1.494, 318.376



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



65, 8.862, 318.718



82, 13.234, 318.802



65, 7.746, 334.131



33, 6.033, 318.762



29, 78.584, 320.334



1, 10.728, 316.418

Inverse Universe

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



65, 5.677, 2.853



82, 8.502, 3.051



68, 7.711, 153.097



33, 3.871, 2.956



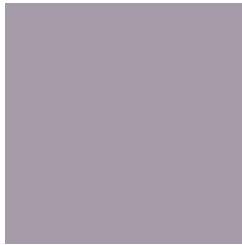
30, 60.818, 27.286



1, 6.827, 4.440

Previews

White Background



This preview shows how the CIELCh color 65, 8.864, 318.719 looks on a white background.

Color Contrast Check

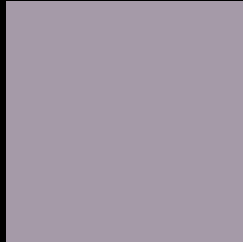
Large Text (above 18pt) WCAG AA × Fail

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, 8.864, 318.719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

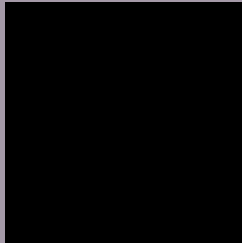
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 8.864, 318.719

Background



This preview shows how black text looks on a background with the CIELCh color 65, 8.864, 318.719.



This preview shows how white text looks on a background with the CIELCh color 65, 8.864, 318.719.

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, 8.864, 318.719

Protanopia

65, 7.231, 290.948

Deuteranopia

65, 10.127, 324.900



Tritanopia
65, 8.380, 320.500

Trichromacy



Original Color
65, 8.864, 318.719

Protanomaly
65, 7.409, 302.522

Deuteranomaly
65, 9.921, 323.064

Tritanomaly
65, 8.380, 320.500

Monochromacy



Original Color
65, 8.864, 318.719

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 3.188, 318.889

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 8.864, 318.719 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(165, 154, 168)` looks like.

```
.text, #text, p{  
    color:rgb(165, 154, 168)  
}
```

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(165, 154, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 154, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 8.864, 318.719 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(165, 154, 168) }
```

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

```
.border{ border-color:rgb(165, 154, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 154, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 154, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 154, 168);  
box-shadow:4px 4px 4px 4px rgb(165, 154,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 8.864, 318.719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 154, 168) }
```

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

```
.background{ background-color: rgb(165,  
154, 168) }
```

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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