

Converting Colors

CIELCh(64, 8.825, 314.439)

Have a look what the booklet for
CIELCh(64, 8.825, 314.439) contains.

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Color

CIELCh(64, 8.556, 314.223)

Conversions

Conversions Part 1

Format	Color
Hex	A198A6
RGB	161, 152, 166
RGB Percent	63%, 60%, 65%
CMY	0.3685, 0.4038, 0.3489
CMYK	0.03, 0.08, 0.00, 0.35
HSL	279°, 7%, 62%
HSV	279°, 8%, 65%
XYZ	32.8238, 32.8017, 40.6933
YIQ	156.2870, 0.8700, 6.2620

Conversions

Conversions Part 2

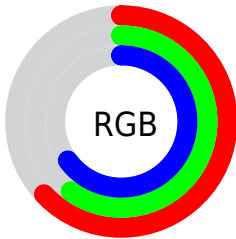
Format	Color
RYB	161, 152, 166
Decimal	10590374
CIELab	64.00, 5.97, -6.13
CIELCh	64, 8.556, 314.223
Yxy	32.8017, 0.3087, 0.3085
Android (android.graphics.Color)	4288780454 (0xFFA198A6)
YUV	156.2870, 4.7885, 4.1333
Hunter-Lab	57.2727, 2.0734, -2.0357

Details

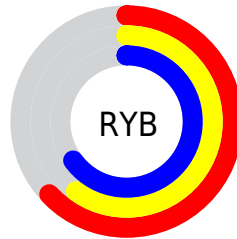
The CIELCh color $64, 8.556, 314.223$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $67, 8.479, 133.564$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 8.729, 314.929$, and $44, 8.475, 313.435$ is the 20% darker color. If you saturate the color by 10%, you get $59, 18.905, 314.656$, and if you desaturate by 10%, it is $69, 1.563, 133.926$.

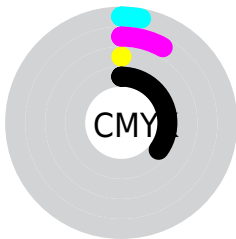
Distribution



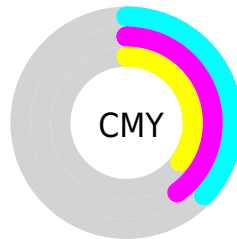
- Red (63%)
- Green (60%)
- Blue (65%)



- Red (63%)
- Yellow (60%)
- Blue (65%)



- Cyan (3%)
- Magenta (8%)
- Yellow (0%)
- Black (35%)



- Cyan (37%)
- Magenta (40%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 8.556, 314.223 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, 8.556, 314.223 by changing the saturation by 10% instead.

■ 64, 8.556, 314.223

■ 64, 8.556, 314.223

■ 100, 8.556,
314.223

■ 54, 8.556, 314.223

■ 84, 8.556, 314.223

■ 44, 8.556, 314.223

■ 94, 8.556, 314.223

■ 34, 8.556, 314.223

■ 24, 8.556, 314.223

■ 14, 8.556, 314.223

■ 4, 8.556, 314.223

■ 0, 8.556, 314.223

■ 64, 8.556, 314.223

■ 64, 8.556, 314.223

■ 59, 18.905,

■ 69, 1.563, 133.926

314.656

74, 11.412,
133.473

54, 29.426,
315.098

79, 20.980,
133.125

50, 40.003,
315.535

84, 30.267,
132.813

45, 50.448,
315.942

89, 39.279,
132.534

41, 60.471,
316.280

93, 48.025,
132.284

37, 69.658,
316.497

95, 48.998,
130.507

34, 77.475,
316.527

95, 48.110,
128.229

31, 83.358,
316.292

95, 47.297,
125.829

29, 87.194,
315.782

Harmonies

Complementary

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



64, 8.556, 314.223



67, 8.479, 133.564

Rectangle

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



64, 8.556, 314.223



64, 8.556, 4.223



64, 8.556, 134.223



64, 8.556, 184.223

Sweetspot

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



64, 8.554, 314.221



85, 3.762, 313.972



65, 5.255, 269.497



45, 2.876, 314.013



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, 8.554, 314.221



81, 12.629, 314.297



64, 8.637, 328.765



33, 5.811, 314.259



25, 80.566, 315.803



1, 10.301, 311.306

Inverse Universe

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



64, 6.096, 352.822



81, 9.010, 353.002



67, 8.616, 147.824



33, 4.144, 352.911



31, 56.911, 14.727



2, 7.235, 355.443

Previews

White Background



This preview shows how the CIELCh color 64, 8.556, 314.223 looks on a white background.

Color Contrast Check

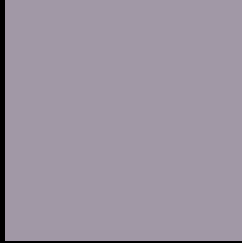
Large Text (above 18pt) WCAG AA × Fail

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, 8.556, 314.223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

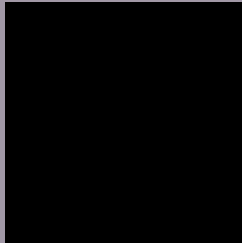
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 8.556, 314.223

Background



This preview shows how black text looks on a background with the CIELCh color 64, 8.556, 314.223.

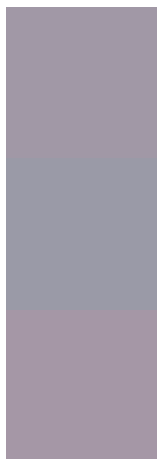


This preview shows how white text looks on a background with the CIELCh color 64, 8.556, 314.223.

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, 8.556, 314.223

Protanopia

64, 7.256, 290.961

Deuteranopia

64, 9.943, 323.069



Tritanopia
64, 7.550, 317.577

Trichromacy



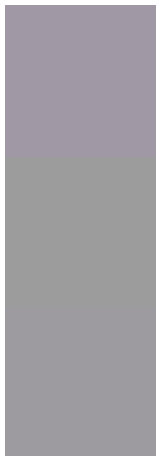
Original Color
64, 8.556, 314.223

Protanomaly
64, 7.982, 301.757

Deuteranomaly
64, 9.747, 321.161

Tritanomaly
64, 8.049, 315.792

Monochromacy



Original Color
64, 8.556, 314.223

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 3.029, 312.567

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 8.556, 314.223 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(161, 152, 166)` looks like.

```
.text, #text, p{  
    color:rgb(161, 152, 166)  
}
```

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(161, 152, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 152, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 8.556, 314.223 is called "border". The border property can be set on classes, ids or directly on the HTML element.

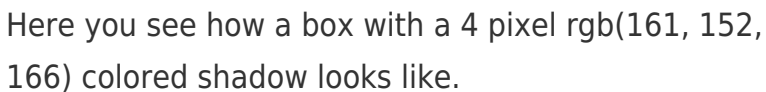
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(161, 152, 166) }
```

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

```
.border{ border-color:rgb(161, 152, 166) }
```

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



Here you see how a box with a 4 pixel `rgb(161, 152, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 152, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 152, 166); box-shadow:4px 4px 4px 4px rgb(161, 152, 166) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 8.556, 314.223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 152, 166) }
```

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

```
.background{ background-color: rgb(161,  
152, 166) }
```

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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