

Converting Colors

CIELCh(64, 16.213, 317.316)

Have a look what the booklet for
CIELCh(64, 16.213, 317.316)
contains.

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Color

CIELCh(64, 16.195, 317.313)

Conversions

Conversions Part 1

Format	Color
Hex	A895AF
RGB	168, 149, 175
RGB Percent	66%, 58%, 69%
CMY	0.3421, 0.4166, 0.3147
CMYK	0.04, 0.15, 0.00, 0.31
HSL	284°, 14%, 63%
HSV	284°, 15%, 69%
XYZ	34.5187, 32.8017, 44.9419
YIQ	157.6450, 2.9780, 12.1140

Conversions

Conversions Part 2

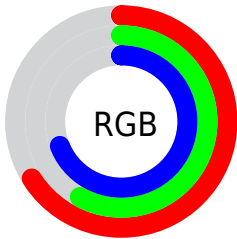
Format	Color
RYB	168, 149, 175
Decimal	11048367
CIELab	64.00, 11.90, -10.98
CIELCh	64, 16.195, 317.313
Yxy	32.8017, 0.3075, 0.2922
Android (android.graphics.Color)	4289238447 (0xFFA895AF)
YUV	157.6450, 8.5560, 9.0813
Hunter-Lab	57.2727, 7.3560, -6.4339

Details

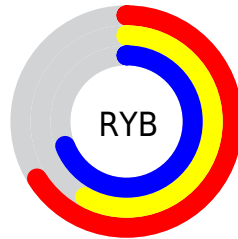
The CIELCh color $64, 16.195, 317.313$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $69, 16.031, 136.046$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 16.449, 316.685$, and $44, 16.631, 317.186$ is the 20% darker color. If you saturate the color by 10%, you get $59, 27.291, 317.748$, and if you desaturate by 10%, it is $69, 5.256, 316.867$.

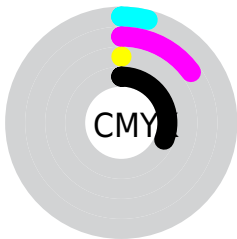
Distribution



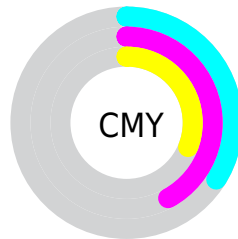
- Red (66%)
- Green (58%)
- Blue (69%)



- Red (66%)
- Yellow (58%)
- Blue (69%)



- Cyan (4%)
- Magenta (15%)
- Yellow (0%)
- Black (31%)





- Cyan (34%)
- Magenta (42%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 16.195, 317.313 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, 16.195, 317.313 by changing the saturation by 10% instead.

 64, 16.195,
317.313


 64, 16.195,
317.313


 100, 16.195,
317.313


 54, 16.195,
317.313


 84, 16.195,
317.313

 44, 16.195,
317.313

 94, 16.195,
317.313

 34, 16.195,
317.313

 24, 16.195,
317.313

 14, 16.195,
317.313

 4, 16.195, 317.313

 0, 16.195, 317.313

64, 16.195,
317.313

64, 16.195,
317.313

59, 27.291,
317.748

69, 5.256, 316.867

54, 38.424,
318.174

74, 5.446, 136.526

50, 49.392,
318.570

79, 15.874,
136.125

46, 59.898,
318.902

84, 26.008,
135.768

42, 69.530,
319.130

89, 35.846,
135.442

39, 77.776,
319.200

94, 45.393,
135.147

36, 84.100,
319.056


95, 45.393,
133.487

34, 88.119,

95, 44.622,
131.620

318.646

 95, 43.896,
129.663

 33, 89.684,
318.388

Harmonies

Complementary

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



64, 16.195, 317.313



69, 16.031, 136.046

Rectangle

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



64, 16.195, 317.313



64, 16.195, 7.313



64, 16.195, 137.313



64, 16.195, 187.313

Sweetspot

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



64, 16.193, 317.312



88, 5.333, 316.827



64, 10.649, 276.875



47, 3.823, 316.864



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



64, 16.193, 317.312



79, 24.311, 317.463



64, 15.036, 332.033



34, 6.093, 317.068



28, 80.277, 318.493



2, 12.474, 313.956

Inverse Universe

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



64, 10.864, 359.539



79, 16.377, 359.930



69, 14.978, 150.132



34, 4.060, 358.934



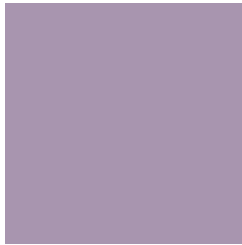
31, 59.725, 22.821



2, 8.222, 1.762

Previews

White Background



This preview shows how the CIELCh color 64, 16.195, 317.313 looks on a white background.

Color Contrast Check

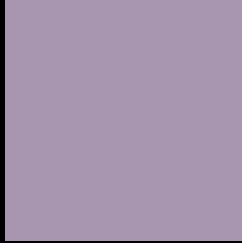
Large Text (above 18pt) WCAG AA × Fail

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, 16.195, 317.313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

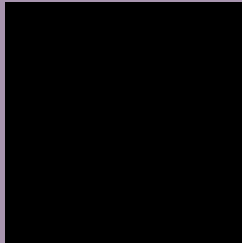
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 16.195, 317.313

Background



This preview shows how black text looks on a background with the CIELCh color 64, 16.195, 317.313.



This preview shows how white text looks on a background with the CIELCh color 64, 16.195, 317.313.

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, 16.195, 317.313

Protanopia

64, 13.410, 287.017

Deuteranopia

64, 13.418, 307.393



Tritanopia
64, 8.834, 331.049

Trichromacy



Original Color
64, 16.195, 317.313

Protanomaly
64, 14.114, 299.021

Deuteranomaly
64, 14.303, 311.100

Tritanomaly
64, 11.498, 324.970

Monochromacy



Original Color
64, 16.195, 317.313

Achromatopsia
65, 0.008, 296.813

Achromatomaly
64, 5.704, 318.346

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 16.195, 317.313 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(168, 149, 175)` looks like.

```
.text, #text, p{  
    color:rgb(168, 149, 175)  
}
```

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(168, 149, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 149, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 16.195, 317.313 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(168, 149, 175) }
```

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

```
.border{ border-color:rgb(168, 149, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 149, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 149, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 149, 175);  
box-shadow:4px 4px 4px 4px rgb(168, 149,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 16.195, 317.313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 149, 175) }
```

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

```
.background{ background-color: rgb(168,  
149, 175) }
```

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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