

Converting Colors

CIELCh(64, 23.703, 310.912)

Have a look what the booklet for
CIELCh(64, 23.703, 310.912)
contains.

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Color

CIELCh(64, 23.676, 310.906)

Conversions

Conversions Part 1

Format	Color
Hex	A893BB
RGB	168, 147, 187
RGB Percent	66%, 58%, 73%
CMY	0.3410, 0.4233, 0.2665
CMYK	0.10, 0.21, 0.00, 0.27
HSL	271°, 23%, 66%
HSV	271°, 21%, 73%
XYZ	35.5741, 32.8017, 51.4969
YIQ	157.8390, -0.3240, 16.8920

Conversions

Conversions Part 2

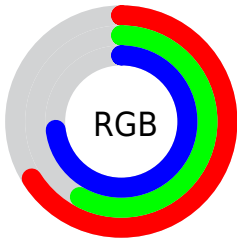
Format	Color
R _Y B	168, 147, 187
Decimal	11047867
CIE Lab	64.00, 15.50, -17.89
CIE LCh	64, 23.676, 310.906
Yxy	32.8017, 0.2968, 0.2736
Android (android.graphics.Color)	4289237947 (0xFFA893BB)
YUV	157.8390, 14.3764, 8.9112
Hunter-Lab	57.2727, 10.6452, -13.2198

Details

The CIELCh color `64, 23.676, 310.906` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `73, 23.035, 128.984`, and the grayscale version is `65, 0.008, 296.813`.

A 20% lighter version of the original color is `84, 23.547, 310.679`, and `44, 24.095, 311.262` is the 20% darker color. If you saturate the color by 10%, you get `59, 35.148, 311.411`, and if you desaturate by 10%, it is `70, 12.439, 310.424`.

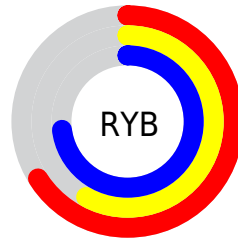
Distribution



Red (66%)

Green (58%)

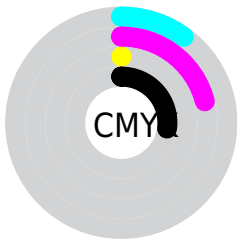
Blue (73%)



Red (66%)

Yellow (58%)

Blue (73%)

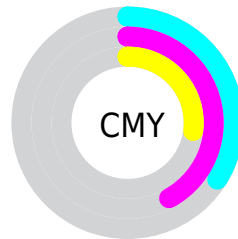


Cyan (10%)

Magenta (21%)

Yellow (0%)

Black (27%)



Cyan (34%)

Magenta (42%)

Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 23.676, 310.906 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, 23.676, 310.906 by changing the saturation by 10% instead.

 64, 23.676,
310.906

 64, 23.676,
310.906


 100, 23.676,
310.906


 54, 23.676,
310.906


 84, 23.676,
310.906

 44, 23.676,
310.906

 94, 23.676,
310.906

 34, 23.676,
310.906

 24, 23.676,
310.906

 14, 23.676,
310.906

 4, 23.676, 310.906

 0, 23.676, 310.906

64, 23.676,
310.906

64, 23.676,
310.906

59, 35.148,
311.411

70, 12.439,
310.424

53, 46.749,
311.927

75, 1.499, 309.914

48, 58.282,
312.423

81, 9.123, 129.609

43, 69.420,
312.852

86, 19.422,
129.245

39, 79.661,
313.146

92, 29.401,
128.926

35, 88.320,
313.211

96, 36.608,
127.647


32, 94.650,
312.940

97, 35.542,
122.773

30, 98.336,

97, 34.758,
117.541

312.471

 98, 34.293,
112.031

Harmonies

Complementary

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



64, 23.676, 310.906



73, 23.035, 128.984

Rectangle

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



64, 23.676, 310.906



64, 23.676, 0.906



64, 23.676, 130.906



64, 23.676, 180.906

Sweetspot

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



64, 23.674, 310.905



91, 8.033, 310.179



67, 13.058, 260.316



49, 5.376, 310.209



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



64, 23.674, 310.905



78, 35.730, 311.158



66, 26.294, 326.047



37, 6.220, 310.330



25, 86.724, 312.615



2, 18.155, 305.855

Inverse Universe

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



65, 18.599, 346.931



80, 28.008, 347.463



72, 26.276, 143.510



37, 4.898, 345.763



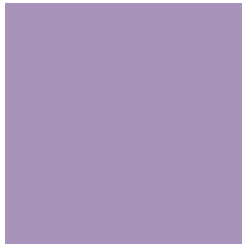
34, 59.146, 3.796



3, 13.762, 353.069

Previews

White Background



This preview shows how the CIELCh color 64, 23.676, 310.906 looks on a white background.

Color Contrast Check

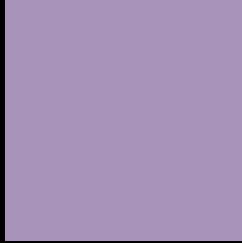
Large Text (above 18pt) WCAG AA × Fail

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, 23.676, 310.906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

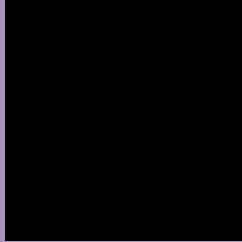
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 23.676, 310.906

Background



This preview shows how black text looks on a background with the CIELCh color 64, 23.676, 310.906.



This preview shows how white text looks on a background with the CIELCh color 64, 23.676, 310.906.

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, 23.676, 310.906

Protanopia

64, 21.290, 285.064

Deuteranopia

64, 19.037, 295.356



Tritanopia
64, 8.360, 326.997

Trichromacy



Original Color
64, 23.676, 310.906

Protanomaly
64, 21.840, 295.203

Deuteranomaly
64, 20.492, 302.231

Tritanomaly
64, 13.551, 315.672

Monochromacy



Original Color
64, 23.676, 310.906

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 8.914, 310.590

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 23.676, 310.906 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, 147, 187)` looks like.

```
.text, #text, p{  
    color:rgb(168, 147, 187)  
}
```

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, 147, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 147, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 23.676, 310.906 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, 147, 187) }
```

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

```
.border{ border-color:rgb(168, 147, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 147, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 147, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 147, 187);  
box-shadow:4px 4px 4px 4px rgb(168, 147,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 23.676, 310.906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 147, 187) }
```

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

```
.background{ background-color: rgb(168,  
147, 187) }
```

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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