

Converting Colors

CIELCh(64, 22.524, 314.931)

Have a look what the booklet for
CIELCh(64, 22.524, 314.931)
contains.

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Color

CIELCh(64, 22.499, 314.927)

Conversions

Conversions Part 1

Format	Color
Hex	AB93B8
RGB	171, 147, 184
RGB Percent	67%, 58%, 72%
CMY	0.3310, 0.4251, 0.2800
CMYK	0.07, 0.20, 0.00, 0.28
HSL	279°, 21%, 65%
HSV	279°, 20%, 72%
XYZ	35.6883, 32.8017, 49.5737
YIQ	158.3940, 2.4270, 16.5950

Conversions

Conversions Part 2

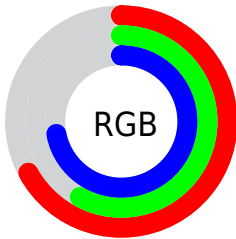
Format	Color
R _{YB}	171, 147, 184
Decimal	11244472
CIE Lab	64.00, 15.89, -15.93
CIE LCh	64, 22.499, 314.927
Yxy	32.8017, 0.3023, 0.2778
Android (android.graphics.Color)	4289434552 (0xFFAB93B8)
YUV	158.3940, 12.6238, 11.0555
Hunter-Lab	57.2727, 11.0013, -11.2289

Details

The CIELCh color $64, 22.499, 314.927$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $72, 22.094, 133.203$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 22.576, 315.351$, and $44, 22.677, 314.538$ is the 20% darker color. If you saturate the color by 10%, you get $59, 33.949, 315.371$, and if you desaturate by 10%, it is $69, 11.209, 314.488$.

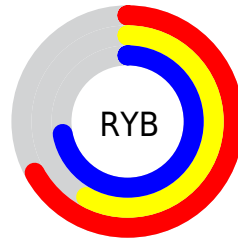
Distribution



Red (67%)

Green (58%)

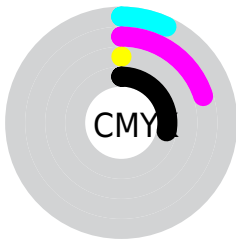
Blue (72%)



Red (67%)

Yellow (58%)

Blue (72%)

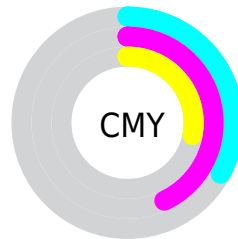


Cyan (7%)

Magenta (20%)

Yellow (0%)

Black (28%)



Cyan (33%)

Magenta (43%)


Yellow (28%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 22.499, 314.927 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, 22.499, 314.927 by changing the saturation by 10% instead.

 64, 22.499,
314.927

 64, 22.499,
314.927

 100, 22.499,
314.927

 54, 22.499,
314.927


 84, 22.499,
314.927

 44, 22.499,
314.927

 94, 22.499,
314.927

 34, 22.499,
314.927

 24, 22.499,
314.927

 14, 22.499,
314.927

 4, 22.499, 314.927

 0, 22.499, 314.927

64, 22.499,
314.927

64, 22.499,
314.927

59, 33.949,
315.371

69, 11.209,
314.488

54, 45.422,
315.805

75, 0.165, 313.151

49, 56.690,
316.200

80, 10.592,
133.723

45, 67.402,
316.516

85, 21.044,
133.365

41, 77.072,
316.696

91, 31.188,
133.045

37, 85.095,
316.669

95, 39.994,
132.504


35, 90.874,
316.359

96, 39.001,
129.494

33, 94.488,

96, 38.118,
126.281

315.797

 97, 37.362,
122.875

Harmonies

Complementary

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



64, 22.499, 314.927



72, 22.094, 133.203

Rectangle

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



64, 22.499, 314.927



64, 22.499, 4.927



64, 22.499, 134.927



64, 22.499, 184.927

Sweetspot

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



64, 22.497, 314.927



91, 8.198, 314.309



66, 13.708, 271.259



48, 5.438, 314.338



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



64, 22.497, 314.927



79, 33.421, 315.116



65, 22.518, 329.485



36, 6.255, 314.452



27, 83.527, 315.929



2, 16.445, 310.245

Inverse Universe

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



64, 16.070, 354.470



80, 23.922, 354.972



71, 22.467, 146.966



36, 4.440, 353.302



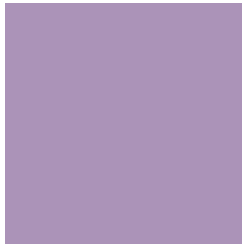
32, 59.198, 15.534



2, 11.406, 359.011

Previews

White Background



This preview shows how the CIELCh color 64, 22.499, 314.927 looks on a white background.

Color Contrast Check

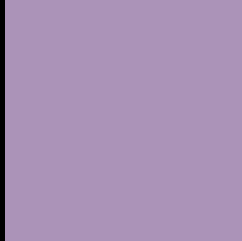
Large Text (above 18pt) WCAG AA × Fail

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, 22.499, 314.927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

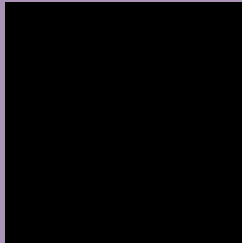
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 22.499, 314.927

Background



This preview shows how black text looks on a background with the CIELCh color 64, 22.499, 314.927.



This preview shows how white text looks on a background with the CIELCh color 64, 22.499, 314.927.

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, 22.499, 314.927

Protanopia

64, 19.022, 285.923

Deuteranopia

64, 17.435, 297.857



Tritanopia
64, 9.359, 334.698

Trichromacy



Original Color
64, 22.499, 314.927

Protanomaly
64, 19.673, 297.371

Deuteranomaly
64, 19.003, 305.172

Tritanomaly
64, 13.771, 322.426

Monochromacy



Original Color
64, 22.499, 314.927

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 8.031, 315.788

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 22.499, 314.927 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, 147, 184)` looks like.

```
.text, #text, p{  
    color:rgb(171, 147, 184)  
}
```

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, 147, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 147, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 22.499, 314.927 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, 147, 184) }
```

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

```
.border{ border-color:rgb(171, 147, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 147, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 147, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 147, 184);  
box-shadow:4px 4px 4px 4px rgb(171, 147,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 22.499, 314.927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 147, 184) }
```

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

```
.background{ background-color: rgb(171,  
147, 184) }
```

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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