

Converting Colors

CIELCh(64, 26.959, 311.859)

Have a look what the booklet for
CIELCh(64, 26.959, 311.859)
contains.

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Color

CIELCh(64, 26.754, 312.034)

Conversions

Conversions Part 1

Format	Color
Hex	AB92BF
RGB	171, 146, 191
RGB Percent	67%, 57%, 75%
CMY	0.3309, 0.4289, 0.2525
CMYK	0.10, 0.24, 0.00, 0.25
HSL	273°, 26%, 66%
HSV	273°, 24%, 75%
XYZ	36.2927, 32.8017, 53.4825
YIQ	158.6050, 0.4550, 19.2950

Conversions

Conversions Part 2

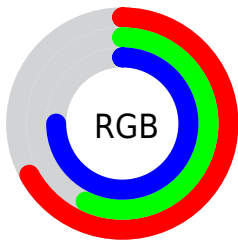
Format	Color
RYB	171, 146, 191
Decimal	11244223
CIELab	64.00, 17.91, -19.87
CIELCh	64, 26.754, 312.034
Yxy	32.8017, 0.2961, 0.2676
Android (android.graphics.Color)	4289434303 (0xFFAB92BF)
YUV	158.6050, 15.9707, 10.8704
Hunter-Lab	57.2727, 12.8849, -15.2753

Details

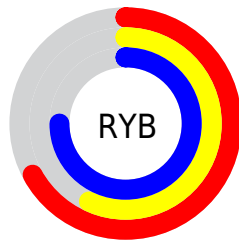
The CIELCh color $64, 26.754, 312.034$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $74, 26.012, 129.935$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 26.595, 312.461$, and $44, 26.687, 312.080$ is the 20% darker color. If you saturate the color by 10%, you get $59, 38.476, 312.522$, and if you desaturate by 10%, it is $70, 15.228, 311.562$.

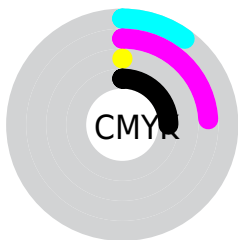
Distribution



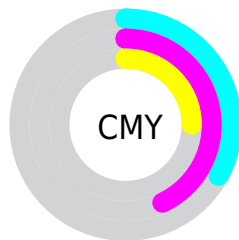
- Red (67%)
- Green (57%)
- Blue (75%)



- Red (67%)
- Yellow (57%)
- Blue (75%)



- Cyan (10%)
- Magenta (24%)
- Yellow (0%)
- Black (25%)





- Cyan (33%)
- Magenta (43%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 26.754, 312.034 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, 26.754, 312.034 by changing the saturation by 10% instead.

 64, 26.754,
312.034


 64, 26.754,
312.034


 100, 26.754,
312.034


 54, 26.754,
312.034


 84, 26.754,
312.034

 44, 26.754,
312.034

 94, 26.754,
312.034

 34, 26.754,
312.034

 24, 26.754,
312.034

 14, 26.754,
312.034

 4, 26.754, 312.034

 0, 26.754, 312.034

64, 26.754,
312.034

64, 26.754,
312.034

59, 38.476,
312.522

70, 15.228,
311.562

53, 50.260,
313.008

75, 3.980, 311.100

48, 61.866,
313.459

81, 6.956, 130.751

43, 72.912,
313.824

86, 17.568,
130.377

39, 82.843,
314.029

92, 27.857,
130.050

35, 90.949,
313.983

96, 34.930,
128.636


33, 96.540,
313.588

97, 33.872,
123.813

31, 99.086,

97, 33.077,
118.625

313.209

 98, 32.579,
113.146

Harmonies

Complementary

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



64, 26.754, 312.034



74, 26.012, 129.935

Rectangle

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



64, 26.754, 312.034



64, 26.754, 2.034



64, 26.754, 132.034



64, 26.754, 182.034

Sweetspot

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



64, 26.752, 312.034



92, 9.608, 311.266



67, 15.120, 264.169



49, 6.298, 311.294



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



64, 26.752, 312.034



78, 39.432, 312.269



66, 28.808, 327.116



37, 6.261, 311.367



25, 86.165, 313.367



2, 18.259, 306.948

Inverse Universe

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



65, 20.505, 348.967



80, 30.180, 349.515



73, 28.784, 144.240



37, 4.803, 347.517



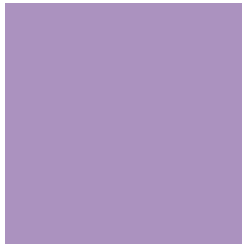
33, 59.061, 6.709



3, 13.555, 354.831

Previews

White Background



This preview shows how the CIELCh color 64, 26.754, 312.034 looks on a white background.

Color Contrast Check

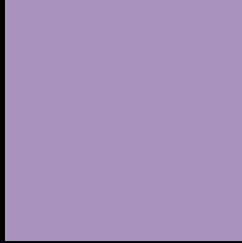
Large Text (above 18pt) WCAG AA × Fail

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, 26.754, 312.034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

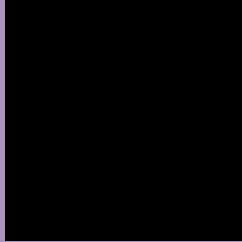
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 26.754, 312.034

Background



This preview shows how black text looks on a background with the CIELCh color 64, 26.754, 312.034.



This preview shows how white text looks on a background with the CIELCh color 64, 26.754, 312.034.

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, 26.754, 312.034

Protanopia

64, 23.522, 285.259

Deuteranopia

64, 20.671, 293.319



Tritanopia
64, 8.834, 331.049

Trichromacy



Original Color
64, 26.754, 312.034

Protanomaly
64, 24.063, 295.145

Deuteranomaly
64, 22.632, 300.500

Tritanomaly
64, 15.210, 319.151

Monochromacy



Original Color
64, 26.754, 312.034

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 9.565, 311.603

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 26.754, 312.034 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, 146, 191)` looks like.

```
.text, #text, p{  
    color:rgb(171, 146, 191)  
}
```

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, 146, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 146, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 26.754, 312.034 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, 146, 191) }
```

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

```
.border{ border-color:rgb(171, 146, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 146, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 146, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 146, 191);  
box-shadow:4px 4px 4px 4px rgb(171, 146,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 26.754, 312.034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 146, 191) }
```

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

```
.background{ background-color: rgb(171,  
146, 191) }
```

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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