

Converting Colors

CIELCh(64, 25.721, 312.850)

Have a look what the booklet for
CIELCh(64, 25.721, 312.850)
contains.

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Color

CIELCh(64, 25.721, 312.850)

Conversions

Conversions Part 1

Format	Color
Hex	AB92BD
RGB	171, 146, 189
RGB Percent	67%, 57%, 74%
CMY	0.3302, 0.4282, 0.2596
CMYK	0.10, 0.23, 0.00, 0.26
HSL	275°, 25%, 66%
HSV	275°, 23%, 74%
XYZ	36.1664, 32.8017, 52.4577
YIQ	158.3770, 1.0970, 18.6730

Conversions

Conversions Part 2

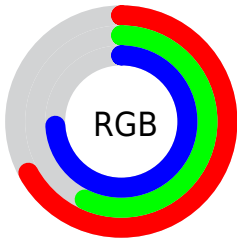
Format	Color
RYB	171, 146, 189
Decimal	11244221
CIELab	64.00, 17.49, -18.86
CIELCh	64, 25.721, 312.850
Yxy	32.8017, 0.2978, 0.2701
Android (android.graphics.Color)	4289434301 (0xFFAB92BD)
YUV	158.3770, 15.0971, 11.0704
Hunter-Lab	57.2727, 12.4912, -14.2144

Details

The CIELCh color $64, 25.721, 312.850$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $74, 25.079, 130.856$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 25.620, 313.275$, and $44, 26.133, 312.493$ is the 20% darker color. If you saturate the color by 10%, you get $59, 37.370, 313.322$, and if you desaturate by 10%, it is $69, 14.255, 312.390$.

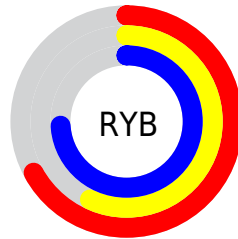
Distribution



Red (67%)

Green (57%)

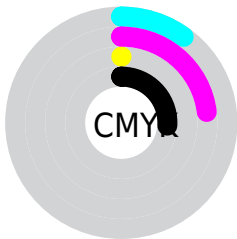
Blue (74%)



Red (67%)

Yellow (57%)

Blue (74%)

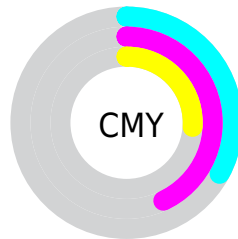


Cyan (10%)

Magenta (23%)

Yellow (0%)

Black (26%)



Cyan (33%)


Magenta (43%)

Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 25.721, 312.850 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, 25.721, 312.850 by changing the saturation by 10% instead.

 64, 25.721,
312.850


 64, 25.721,
312.850


 100, 25.721,
312.850


 54, 25.721,
312.850


 84, 25.721,
312.850

 44, 25.721,
312.850

 94, 25.721,
312.850

 34, 25.721,
312.850

 24, 25.721,
312.850

 14, 25.721,
312.850

 4, 25.721, 312.850

 0, 25.721, 312.850

64, 25.721,
312.850

64, 25.721,
312.850

59, 37.370,
313.322

69, 14.255,
312.390

53, 49.068,
313.789

75, 3.057, 311.927

81, 7.838, 131.597

48, 60.575,
314.218

86, 18.413,
131.230

44, 71.518,
314.562

92, 28.670,
130.906

39, 81.360,
314.753

96, 36.228,
129.798

36, 89.422,
314.703


97, 35.170,
125.530

33, 95.044,
314.322

97, 34.322,
120.943

32, 97.839,

313.889

 98, 33.715,
116.082

Harmonies

Complementary

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



64, 25.721, 312.850



74, 25.079, 130.856

Rectangle

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



64, 25.721, 312.850



64, 25.721, 2.850



64, 25.721, 132.850



64, 25.721, 182.850

Sweetspot

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



64, 25.719, 312.850



92, 9.583, 312.137



67, 14.736, 265.667



48, 6.229, 312.164



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, 25.719, 312.850



78, 37.843, 313.069



66, 27.271, 327.559



37, 6.297, 312.237



26, 85.698, 314.037



2, 18.356, 307.902

Inverse Universe

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



65, 19.328, 350.453



80, 28.429, 350.990



73, 27.242, 144.775



37, 4.725, 349.060



33, 59.131, 9.194



3, 13.397, 356.300

Previews

White Background



This preview shows how the CIELCh color 64, 25.721, 312.850 looks on a white background.

Color Contrast Check

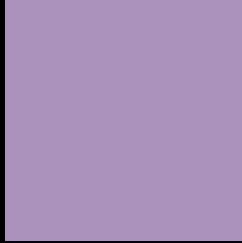
Large Text (above 18pt) WCAG AA × Fail

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, 25.721, 312.850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

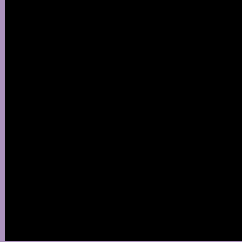
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 25.721, 312.850

Background



This preview shows how black text looks on a background with the CIELCh color 64, 25.721, 312.850.



This preview shows how white text looks on a background with the CIELCh color 64, 25.721, 312.850.

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, 25.721, 312.850

Protanopia

64, 22.424, 284.737

Deuteranopia

64, 20.129, 294.283



Tritanopia
64, 8.690, 335.412

Trichromacy



Original Color
64, 25.721, 312.850

Protanomaly
64, 22.952, 295.167

Deuteranomaly
64, 21.588, 301.779

Tritanomaly
64, 14.725, 320.168

Monochromacy



Original Color
64, 25.721, 312.850

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 9.048, 312.834

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 25.721, 312.850 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, 189)` looks like.

```
.text, #text, p{  
    color:rgb(171, 146, 189)  
}
```

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, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 146, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 25.721, 312.850 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, 189) }
```

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

```
.border{ border-color:rgb(171, 146, 189) }
```

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, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 146, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 146, 189);  
box-shadow:4px 4px 4px 4px rgb(171, 146,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 25.721, 312.850 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, 189) }
```

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

```
.background{ background-color: rgb(171,  
146, 189) }
```

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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