

Converting Colors

CIELCh(65, 26.326, 313.177)

Have a look what the booklet for
CIELCh(65, 26.326, 313.177)
contains.

CIELCh(65, 26.297, 313.172)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(65, 26.297, 313.172)

Conversions

Conversions Part 1

Format	Color
Hex	AE94C0
RGB	174, 148, 192
RGB Percent	68%, 58%, 75%
CMY	0.3171, 0.4191, 0.2465
CMYK	0.09, 0.23, 0.00, 0.25
HSL	275°, 26%, 67%
HSV	275°, 23%, 75%
XYZ	37.6260, 34.0472, 54.5378
YIQ	160.7900, 1.3720, 19.1960

Conversions

Conversions Part 2

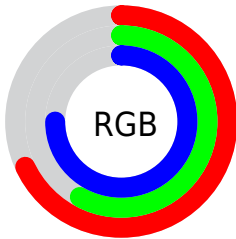
Format	Color
RYB	174, 148, 192
Decimal	11441344
CIELab	65.00, 17.99, -19.18
CIElCh	65, 26.297, 313.172
Yxy	34.0472, 0.2981, 0.2698
Android (android.graphics.Color)	4289631424 (0xFFAE94C0)
YUV	160.7900, 15.3865, 11.5852
Hunter-Lab	58.3500, 12.9904, -14.5715

Details

The CIELCh color $65, 26.297, 313.172$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $75, 25.654, 131.170$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 26.183, 313.570$, and $45, 26.168, 313.273$ is the 20% darker color. If you saturate the color by 10%, you get $60, 38.127, 313.639$, and if you desaturate by 10%, it is $71, 14.644, 312.715$.

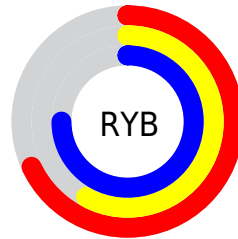
Distribution



Red (68%)

Green (58%)

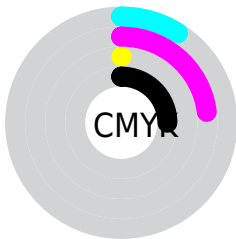
Blue (75%)



Red (68%)

Yellow (58%)

Blue (75%)

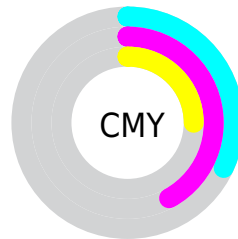


Cyan (9%)

Magenta (23%)

Yellow (0%)

Black (25%)



Cyan (32%)


Magenta (42%)


Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 26.297, 313.172 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 65, 26.297, 313.172 by changing the saturation by 10% instead.


 65, 26.297,
313.172


 65, 26.297,
313.172


 100, 26.297,
313.172


 55, 26.297,
313.172


 85, 26.297,
313.172

 45, 26.297,
313.172

 95, 26.297,
313.172

 35, 26.297,
313.172

 25, 26.297,
313.172

 15, 26.297,
313.172

 5, 26.297, 313.172

 0, 26.297, 313.172

65, 26.297,
313.172

65, 26.297,
313.172

60, 38.127,
313.639

71, 14.644,
312.715

54, 49.992,
314.100

76, 3.257, 312.255

82, 7.824, 131.924

49, 61.643,
314.520

87, 18.583,
131.555

44, 72.695,
314.852

93, 29.019,
131.231

40, 82.595,
315.028

96, 34.237,
129.194

37, 90.660,
314.962


97, 33.227,
124.665

34, 96.235,
314.566

97, 32.443,
119.801

33, 98.934,

314.132

 98, 31.914,
114.661

Harmonies

Complementary

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



65, 26.297, 313.172



75, 25.654, 131.170

Rectangle

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



65, 26.297, 313.172



65, 26.297, 3.172



65, 26.297, 133.172



65, 26.297, 183.172

Sweetspot

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



65, 26.295, 313.172



93, 9.767, 312.456



68, 15.309, 267.287



49, 6.349, 312.484



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



65, 26.295, 313.172



80, 38.551, 313.383



67, 27.509, 328.071



38, 6.452, 312.557



27, 86.550, 314.278



2, 20.586, 308.721

Inverse Universe

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



66, 19.619, 351.067



81, 28.761, 351.595



74, 27.473, 145.240



38, 4.802, 349.645



34, 59.896, 10.186



3, 15.155, 357.648

Previews

White Background



This preview shows how the CIELCh color 65, 26.297, 313.172 looks on a white background.

Color Contrast Check

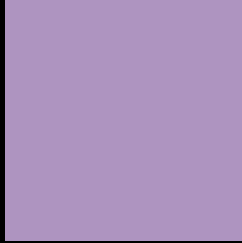
Large Text (above 18pt) WCAG AA × Fail

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 65, 26.297, 313.172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

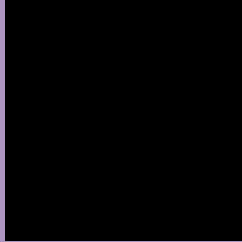
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 26.297, 313.172

Background



This preview shows how black text looks on a background with the CIELCh color 65, 26.297, 313.172.



This preview shows how white text looks on a background with the CIELCh color 65, 26.297, 313.172.

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
65, 26.297, 313.172

Protanopia
65, 23.436, 286.020

Deuteranopia
65, 20.655, 295.222



Tritanopia
65, 9.327, 334.686

Trichromacy



Original Color
65, 26.297, 313.172

Protanomaly
65, 24.052, 296.754

Deuteranomaly
65, 22.144, 302.464

Tritanomaly
65, 15.533, 321.632

Monochromacy



Original Color
65, 26.297, 313.172

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 9.682, 313.678

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 26.297, 313.172 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(174, 148, 192)` looks like.

```
.text, #text, p{  
    color:rgb(174, 148, 192)  
}
```

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(174, 148, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 148, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 26.297, 313.172 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(174, 148, 192) }
```

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

```
.border{ border-color:rgb(174, 148, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 148, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 148, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 148, 192);  
box-shadow:4px 4px 4px 4px rgb(174, 148,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 26.297, 313.172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 148, 192) }
```

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

```
.background{ background-color: rgb(174,  
148, 192) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor