

Converting Colors

CIELCh(65, 27.054, 316.500)

Have a look what the booklet for
CIELCh(65, 27.054, 316.500)
contains.

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Color

CIELCh(65, 26.979, 316.849)

Conversions

Conversions Part 1

Format	Color
Hex	B293BF
RGB	178, 147, 191
RGB Percent	70%, 58%, 75%
CMY	0.3024, 0.4239, 0.2514
CMYK	0.07, 0.23, 0.00, 0.25
HSL	282°, 26%, 66%
HSV	282°, 23%, 75%
XYZ	38.1482, 34.0472, 53.7924
YIQ	161.2850, 4.3520, 20.2560

Conversions

Conversions Part 2

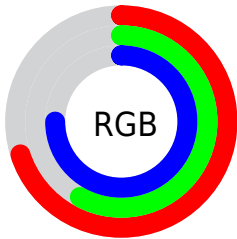
Format	Color
RYB	178, 147, 191
Decimal	11703231
CIELab	65.00, 19.68, -18.45
CIELCh	65, 26.979, 316.849
Yxy	34.0472, 0.3028, 0.2702
Android (android.graphics.Color)	4289893311 (0xFFB293BF)
YUV	161.2850, 14.6495, 14.6591
Hunter-Lab	58.3500, 14.5877, -13.8141

Details

The CIELCh color $65, 26.979, 316.849$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $74, 26.526, 134.821$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 26.869, 317.075$, and $45, 26.846, 317.203$ is the 20% darker color. If you saturate the color by 10%, you get $60, 38.905, 317.282$, and if you desaturate by 10%, it is $70, 15.136, 316.411$.

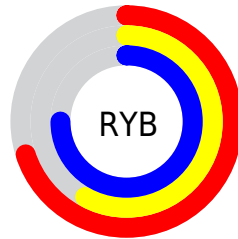
Distribution



Red (70%)

Green (58%)

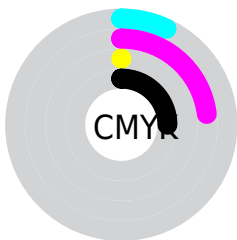
Blue (75%)



Red (70%)

Yellow (58%)

Blue (75%)

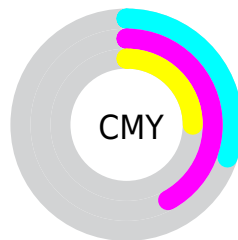


Cyan (7%)

Magenta (23%)

Yellow (0%)

Black (25%)



Cyan (30%)


Magenta (42%)


Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 26.979, 316.849 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, 26.979, 316.849 by changing the saturation by 10% instead.


 65, 26.979,
316.849


 65, 26.979,
316.849


 100, 26.979,
316.849


 55, 26.979,
316.849


 85, 26.979,
316.849

 45, 26.979,
316.849

 95, 26.979,
316.849

 35, 26.979,
316.849

 25, 26.979,
316.849

 15, 26.979,
316.849

 5, 26.979, 316.849

 0, 26.979, 316.849

65, 26.979,
316.849

65, 26.979,
316.849

60, 38.905,
317.282

70, 15.136,
316.411

55, 50.729,
317.691

76, 3.500, 315.952

81, 7.864, 135.626

50, 62.154,
318.044

87, 18.924,
135.243

46, 72.759,
318.298

92, 29.665,
134.898

42, 81.996,
318.398

96, 36.282,
133.764

39, 89.259,
318.280


96, 35.386,
130.904

37, 94.056,
317.885

96, 34.580,
127.857

36, 96.249,

317.486

 97, 33.876,
124.631

Harmonies

Complementary

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



65, 26.979, 316.849



74, 26.526, 134.821

Rectangle

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



65, 26.979, 316.849



65, 26.979, 6.849



65, 26.979, 136.849



65, 26.979, 186.849

Sweetspot

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



65, 26.977, 316.849



93, 9.964, 316.149



66, 17.536, 276.975



49, 6.531, 316.177



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, 26.977, 316.849



79, 40.598, 317.084



66, 25.399, 331.974



37, 6.490, 316.249



29, 83.651, 317.618



2, 18.948, 312.732

Inverse Universe

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



65, 18.582, 358.654



80, 28.106, 359.355



73, 25.292, 148.890



37, 4.410, 357.095



33, 61.236, 20.772



3, 12.830, 2.895

Previews

White Background



This preview shows how the CIELCh color 65, 26.979, 316.849 looks on a white background.

Color Contrast Check

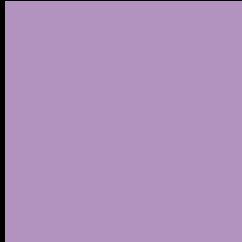
Large Text (above 18pt) WCAG AA × Fail

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 65, 26.979, 316.849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

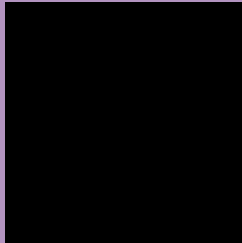
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 26.979, 316.849

Background



This preview shows how black text looks on a background with the CIELCh color 65, 26.979, 316.849.



This preview shows how white text looks on a background with the CIELCh color 65, 26.979, 316.849.

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, 26.979, 316.849

Protanopia

65, 22.887, 285.787

Deuteranopia

65, 19.572, 296.319



Tritanopia
65, 10.763, 342.259

Trichromacy



Original Color
65, 26.979, 316.849

Protanomaly
65, 23.530, 297.647

Deuteranomaly
65, 22.380, 305.169

Tritanomaly
65, 16.347, 326.299

Monochromacy



Original Color
65, 26.979, 316.849

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 9.834, 315.702

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 26.979, 316.849 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(178, 147, 191)` looks like.

```
.text, #text, p{  
    color:rgb(178, 147, 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(178, 147, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 147, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 26.979, 316.849 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(178, 147, 191) }
```

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

```
.border{ border-color:rgb(178, 147, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 147, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 147, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 147, 191);  
box-shadow:4px 4px 4px 4px rgb(178, 147,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 26.979, 316.849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 147, 191) }
```

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

```
.background{ background-color: rgb(178,  
147, 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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