

Converting Colors

CIELCh(53, 82.329, 316.274)

Have a look what the booklet for
CIELCh(53, 82.329, 316.274)
contains.

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Color

CIELCh(53, 82.365, 316.278)

Conversions

Conversions Part 1

Format	Color
Hex	AF55E2
RGB	175, 85, 226
RGB Percent	69%, 33%, 89%
CMY	0.3144, 0.6673, 0.1144
CMYK	0.23, 0.62, 0.00, 0.11
HSL	278°, 71%, 61%
HSV	278°, 62%, 89%
XYZ	34.5789, 21.0462, 74.0653
YIQ	127.9840, 8.3790, 62.9310

Conversions

Conversions Part 2

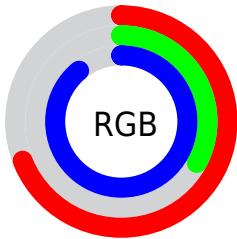
Format	Color
RYB	175, 85, 226
Decimal	11490786
CIELab	53.00, 59.53, -56.93
CIELCh	53, 82.365, 316.278
Yxy	21.0462, 0.2666, 0.1623
Android (android.graphics.Color)	4289680866 (0xFFAF55E2)
YUV	127.9840, 48.3219, 41.2330
Hunter-Lab	45.8761, 54.2602, -63.6083

Details

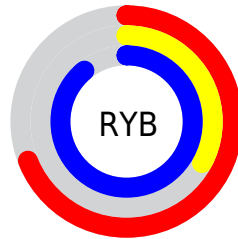
The CIELCh color **53, 82.365, 316.278** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted purple. A complement of this color would be **82, 77.768, 130.846**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 68.972, 321.371**, and **33, 82.335, 316.181** is the 20% darker color. If you saturate the color by 10%, you get **48, 93.326, 316.409**, and if you desaturate by 10%, it is **58, 69.957, 315.986**.

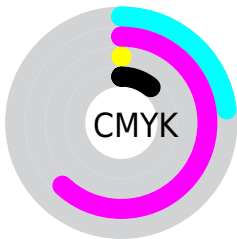
Distribution



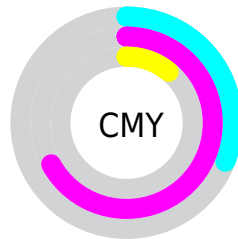
- Red (69%)
- Green (33%)
- Blue (89%)



- Red (69%)
- Yellow (33%)
- Blue (89%)



- Cyan (23%)
- Magenta (62%)
- Yellow (0%)
- Black (11%)





- Cyan (31%)
- Magenta (67%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 82.365, 316.278 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 53, 82.365, 316.278 by changing the saturation by 10% instead.


 53, 82.365,
316.278


 53, 82.365,
316.278


 100, 82.365,
316.278


 43, 82.365,
316.278


 73, 82.365,
316.278

 33, 82.365,
316.278

 83, 82.365,
316.278

 23, 82.365,
316.278

 93, 82.365,
316.278

 13, 82.365,
316.278

 3, 82.365, 316.278

 0, 82.365, 316.278

■ 53, 82.365,
316.278

■ 53, 82.365,
316.278

■ 48, 93.326,
316.409

■ 58, 69.957,
315.986

■ 45, 102.082,
316.298

■ 64, 56.751,
315.598

■ 42, 107.957,
315.869

■ 70, 43.212,
315.160

■ 40, 110.661,
315.354


■ 76, 29.652,
314.708

■ 82, 16.260,
314.259

■ 88, 3.149, 313.791

■ 95, 9.624, 133.472

■ 98, 15.777,
128.849

 99, 14.987,
118.331

Harmonies

Complementary

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



53, 82.365, 316.278



82, 77.768, 130.846

Rectangle

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



53, 82.365, 316.278



53, 82.365, 6.278



53, 82.365, 136.278



53, 82.365, 186.278

Sweetspot

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



53, 82.364, 316.278



87, 27.626, 314.558



57, 51.615, 281.410



44, 19.068, 314.688



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



53, 82.364, 316.278



53, 105.549, 316.404



59, 77.377, 332.107



44, 7.363, 314.127



31, 91.722, 315.527



5, 34.446, 315.515

Inverse Universe

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



56, 59.107, 1.023



59, 74.951, 4.945



80, 78.819, 142.328



44, 5.271, 352.653



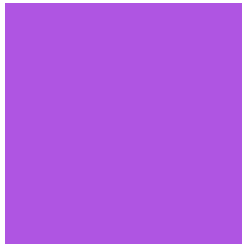
37, 64.750, 15.144



6, 25.523, 4.155

Previews

White Background



This preview shows how the CIELCh color 53, 82.365, 316.278 looks on a white background.

Color Contrast Check

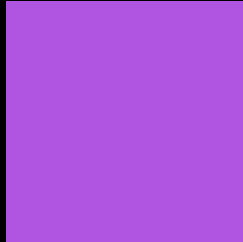
Large Text (above 18pt) WCAG AA ✓ Pass

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 53, 82.365, 316.278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

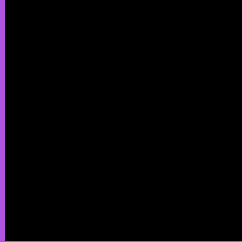
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 82.365, 316.278

Background



This preview shows how black text looks on a background with the CIELCh color 53, 82.365, 316.278.

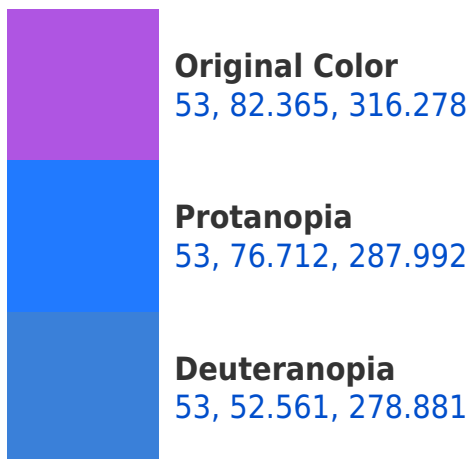


This preview shows how white text looks on a background with the CIELCh color 53, 82.365, 316.278.

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





Tritanopia
53, 18.311, 7.174

Trichromacy



Original Color
53, 82.365, 316.278



Protanomaly
51, 78.562, 295.506



Deuteranomaly
51, 62.584, 294.666



Tritanomaly
52, 38.860, 328.315

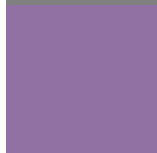
Monochromacy



Original Color
53, 82.365, 316.278



Achromatopsia
54, 0.007, 296.813



Achromatomaly
52, 32.514, 314.979

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 82.365, 316.278 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(175, 85, 226)` looks like.

```
.text, #text, p{  
    color:rgb(175, 85, 226)  
}
```

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(175, 85, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 85, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 82.365, 316.278 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(175, 85, 226) }
```

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

```
.border{ border-color:rgb(175, 85, 226) }
```

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

Here you see how a box with a 4 pixel rgb(175, 85, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 85, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 85, 226);  
box-shadow:4px 4px 4px 4px rgb(175, 85,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 82.365, 316.278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 85, 226) }
```

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

```
.background{ background-color: rgb(175, 85,  
226) }
```

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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