

Converting Colors

CIELCh(65, 51.637, 313.045)

Have a look what the booklet for
CIELCh(65, 51.637, 313.045)
contains.

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Color

CIELCh(65, 52.079, 313.028)

Conversions

Conversions Part 1

Format	Color
Hex	BB89E2
RGB	187, 137, 226
RGB Percent	73%, 54%, 89%
CMY	0.2658, 0.4619, 0.1128
CMYK	0.17, 0.39, 0.00, 0.11
HSL	274°, 61%, 71%
HSV	274°, 39%, 89%
XYZ	43.2821, 34.0472, 76.4052
YIQ	162.0960, 1.2310, 38.2790

Conversions

Conversions Part 2

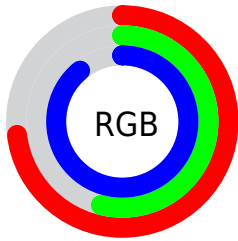
Format	Color
RYB	187, 137, 226
Decimal	12290530
CIELab	65.00, 35.54, -38.07
CIELCh	65, 52.079, 313.028
Yxy	34.0472, 0.2815, 0.2215
Android (android.graphics.Color)	4290480610 (0xFFBB89E2)
YUV	162.0960, 31.5047, 21.8408
Hunter-Lab	58.3500, 30.2930, -36.7911

Details

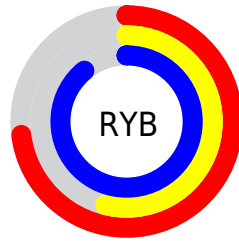
The CIELCh color $65, 52.079, 313.028$ is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be $85, 49.629, 129.370$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 38.339, 320.790$, and $45, 51.933, 313.015$ is the 20% darker color. If you saturate the color by 10%, you get $59, 65.528, 313.496$, and if you desaturate by 10%, it is $71, 38.532, 312.537$.

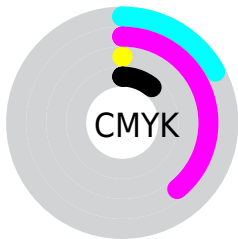
Distribution



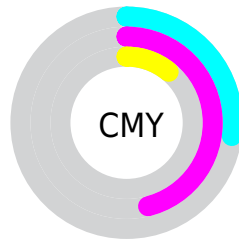
- Red (73%)
- Green (54%)
- Blue (89%)



- Red (73%)
- Yellow (54%)
- Blue (89%)



- Cyan (17%)
- Magenta (39%)
- Yellow (0%)
- Black (11%)





- Cyan (27%)
- Magenta (46%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 52.079, 313.028 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, 52.079, 313.028 by changing the saturation by 10% instead.

 65, 52.079,
313.028


 65, 52.079,
313.028


 100, 52.079,
313.028


 55, 52.079,
313.028


 85, 52.079,
313.028

 45, 52.079,
313.028

 95, 52.079,
313.028

 35, 52.079,
313.028

 25, 52.079,
313.028

 15, 52.079,
313.028

 5, 52.079, 313.028

 0, 52.079, 313.028

65, 52.079,
313.028

65, 52.079,
313.028

59, 65.528,
313.496

71, 38.532,
312.537

53, 78.502,
313.896

78, 25.123,
312.052

48, 90.422,
314.162

84, 11.985,
311.586

44, 100.509,
314.206

90, 0.814, 131.360

40, 107.920,
313.927

97, 13.244,
130.797

38, 112.363,
313.291

99, 14.904,
120.710

38, 112.621,
313.249

99, 14.558,
109.077

Harmonies

Complementary

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



65, 52.079, 313.028



85, 49.629, 129.370

Rectangle

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



65, 52.079, 313.028



65, 52.079, 3.028



65, 52.079, 133.028



65, 52.079, 183.028

Sweetspot

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



65, 52.077, 313.028



91, 17.015, 311.712



71, 28.891, 267.492



48, 11.305, 311.772



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



65, 52.077, 313.028



67, 68.762, 313.404



69, 54.703, 328.002



44, 7.234, 311.591



29, 93.189, 313.435



4, 33.915, 312.648

Inverse Universe

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



68, 39.441, 351.354



71, 51.701, 352.560



83, 54.805, 142.773



44, 5.519, 347.910



37, 63.927, 7.768



6, 25.914, 359.178

Previews

White Background



This preview shows how the CIELCh color 65, 52.079, 313.028 looks on a white background.

Color Contrast Check

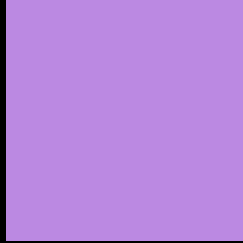
Large Text (above 18pt) WCAG AA × Fail

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, 52.079, 313.028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

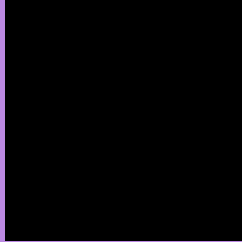
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 52.079, 313.028

Background



This preview shows how black text looks on a background with the CIELCh color 65, 52.079, 313.028.

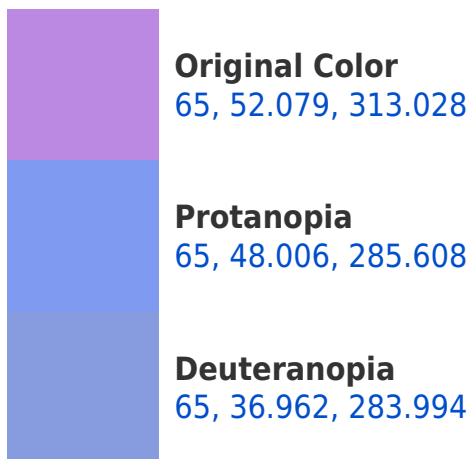


This preview shows how white text looks on a background with the CIELCh color 65, 52.079, 313.028.

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
65, 12.026, 347.035

Trichromacy



Original Color
65, 52.079, 313.028



Protanomaly
65, 48.388, 295.038



Deuteranomaly
65, 41.844, 296.551



Tritanomaly
65, 25.702, 322.006

Monochromacy



Original Color
65, 52.079, 313.028



Achromatopsia
67, 0.008, 296.813



Achromatomaly
66, 19.022, 311.966

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 52.079, 313.028 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(187, 137, 226)` looks like.

```
.text, #text, p{  
    color:rgb(187, 137, 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(187, 137, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 137, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 52.079, 313.028 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(187, 137, 226) }
```

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

```
.border{ border-color:rgb(187, 137, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 137, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 137, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 137, 226); box-shadow:4px 4px 4px 4px rgb(187, 137, 226) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 52.079, 313.028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 137, 226) }
```

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

```
.background{ background-color: rgb(187,  
137, 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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