

Converting Colors

CIELCh(67, 53.815, 322.066)

Have a look what the booklet for
CIELCh(67, 53.815, 322.066)
contains.

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Color

CIELCh(67, 53.659, 322.074)

Conversions

Conversions Part 1

Format	Color
Hex	D288DF
RGB	210, 136, 223
RGB Percent	82%, 53%, 87%
CMY	0.1765, 0.4667, 0.1255
CMYK	0.06, 0.39, 0.00, 0.13
HSL	291°, 58%, 70%
HSV	291°, 39%, 87%
XYZ	48.6951, 36.6320, 74.3078
YIQ	168.0440, 16.1770, 42.7450

Conversions

Conversions Part 2

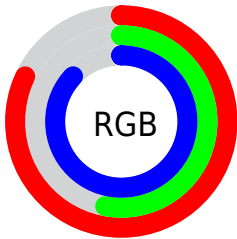
Format	Color
R _{YB}	210, 136, 223
Decimal	13797599
CIE Lab	67.00, 42.33, -32.98
CIE LCh	67, 53.659, 322.074
Yxy	36.6320, 0.3050, 0.2295
Android (android.graphics.Color)	4291987679 (0xFFD288DF)
YUV	168.0440, 27.0933, 36.7954
Hunter-Lab	60.5244, 37.6954, -30.4253

Details

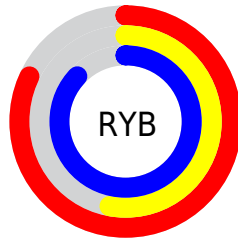
The CIELCh color $67, 53.659, 322.074$ is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be $82, 53.053, 137.964$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $85, 40.132, 325.817$, and $47, 53.448, 322.228$ is the 20% darker color. If you saturate the color by 10%, you get $62, 66.738, 322.459$, and if you desaturate by 10%, it is $72, 40.001, 321.638$.

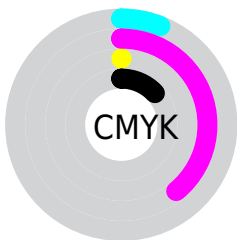
Distribution



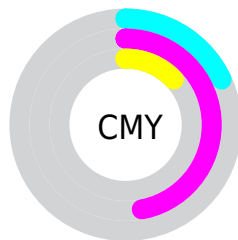
- Red (82%)
- Green (53%)
- Blue (87%)



- Red (82%)
- Yellow (53%)
- Blue (87%)



- Cyan (6%)
- Magenta (39%)
- Yellow (0%)
- Black (13%)





- Cyan (18%)
- Magenta (47%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 53.659, 322.074 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 67, 53.659, 322.074 by changing the saturation by 10% instead.


 67, 53.659,
322.074


 67, 53.659,
322.074


 100, 53.659,
322.074


 57, 53.659,
322.074


 87, 53.659,
322.074

 47, 53.659,
322.074

 97, 53.659,
322.074

 37, 53.659,
322.074

 27, 53.659,
322.074

 17, 53.659,
322.074

 7, 53.659, 322.074

 0, 53.659, 322.074

67, 53.659,
322.074

67, 53.659,
322.074

62, 66.738,
322.459

72, 40.001,
321.638

58, 78.759,
322.764

78, 26.134,
321.175

54, 89.132,
322.951

84, 12.305,
320.698

51, 97.256,
322.983

89, 1.322, 140.440

49, 102.680,
322.829

95, 14.651,
139.831


47, 105.496,
322.488

97, 18.662,
137.681

47, 105.722,
322.451

98, 18.099,
134.479

98, 17.596,
131.055

 98, 17.160,
127.416

Harmonies

Complementary

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



67, 53.659, 322.074



82, 53.053, 137.964

Rectangle

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



67, 53.659, 322.074



67, 53.659, 12.074



67, 53.659, 142.074



67, 53.659, 192.074

Sweetspot

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



67, 53.657, 322.074



92, 18.309, 320.846



63, 41.352, 289.015



48, 12.156, 320.909



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



67, 53.657, 322.074



71, 71.516, 322.400



67, 43.808, 339.522



44, 7.794, 320.719



37, 88.548, 322.537



6, 35.625, 323.156

Inverse Universe

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



66, 35.554, 11.893



70, 48.466, 13.514



82, 43.053, 152.871



44, 4.811, 7.963



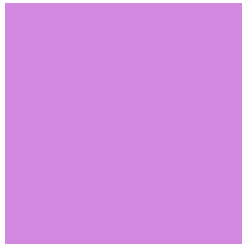
37, 72.608, 32.791



6, 25.298, 14.624

Previews

White Background



This preview shows how the CIELCh color 67, 53.659, 322.074 looks on a white background.

Color Contrast Check

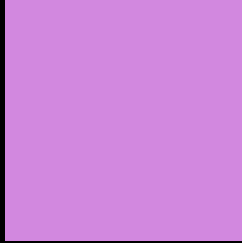
Large Text (above 18pt) WCAG AA × Fail

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 67, 53.659, 322.074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

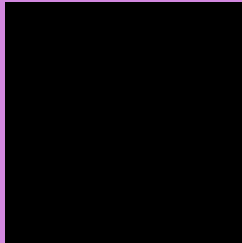
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 53.659, 322.074

Background



This preview shows how black text looks on a background with the CIELCh color 67, 53.659, 322.074.

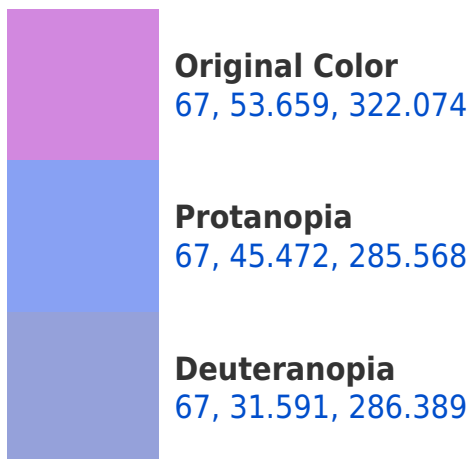


This preview shows how white text looks on a background with the CIELCh color 67, 53.659, 322.074.

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
67, 21.375, 3.706

Trichromacy



Original Color
67, 53.659, 322.074



Protanomaly
67, 46.704, 298.893



Deuteranomaly
67, 38.309, 303.234



Tritanomaly
67, 31.203, 337.872

Monochromacy



Original Color
67, 53.659, 322.074



Achromatopsia
69, 0.009, 296.813



Achromatomaly
68, 20.302, 320.869

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 53.659, 322.074 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(210, 136, 223)` looks like.

```
.text, #text, p{  
    color:rgb(210, 136, 223)  
}
```

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(210, 136, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 136, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 53.659, 322.074 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(210, 136, 223) }
```

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

```
.border{ border-color:rgb(210, 136, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 136, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 136, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 136, 223);  
box-shadow:4px 4px 4px 4px rgb(210, 136,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 53.659, 322.074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 136, 223) }
```

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

```
.background{ background-color: rgb(210,  
136, 223) }
```

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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