

Converting Colors

CIELCh(69, 88.802, 300.623)

Have a look what the booklet for
CIELCh(69, 88.802, 300.623)
contains.

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Color

CIELCh(66, 60.612, 300.342)

Conversions

Conversions Part 1

Format	Color
Hex	A292FF
RGB	162, 146, 255
RGB Percent	64%, 57%, 100%
CMY	0.3659, 0.4285, 0.0012
CMYK	0.37, 0.43, 0.00, 0.00
HSL	249°, 99%, 79%
HSV	249°, 43%, 100%
XYZ	43.0774, 35.3238, 98.8974
YIQ	163.2100, -25.4530, 37.2910

Conversions

Conversions Part 2

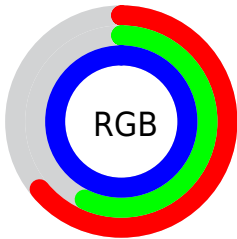
Format	Color
R_{YB}	162, 146, 255
Decimal	10654463
CIE _{Lab}	66.00, 30.62, -52.31
CIE _{LCh}	66, 60.612, 300.342
Yxy	35.3238, 0.2430, 0.1992
Android (android.graphics.Color)	4288844543 (0xFFA292FF)
YUV	163.2100, 45.2525, -1.0612
Hunter-Lab	59.4338, 25.3669, -57.0544

Details

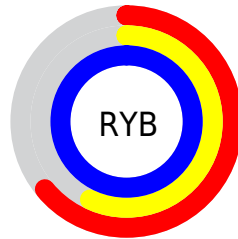
The CIELCh color `66, 60.612, 300.342` is a light color, and the websafe version is hex `9999FF`. A complement of this color would be `97, 54.380, 112.716`, and the grayscale version is `67, 0.008, 296.813`.

A 20% lighter version of the original color is `84, 29.951, 305.423`, and `46, 60.995, 300.494` is the 20% darker color. If you saturate the color by 10%, you get `58, 76.111, 301.758`, and if you desaturate by 10%, it is `74, 45.544, 299.066`.

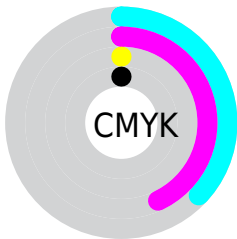
Distribution



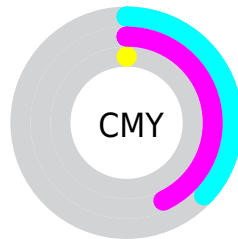
- Red (64%)
- Green (57%)
- Blue (100%)



- Red (64%)
- Yellow (57%)
- Blue (100%)



- Cyan (37%)
- Magenta (43%)
- Yellow (0%)
- Black (0%)





- Cyan (37%)
- Magenta (43%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 60.612, 300.342 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 66, 60.612, 300.342 by changing the saturation by 10% instead.


 66, 60.612,
300.342


 66, 60.612,
300.342


 100, 60.612,
300.342


 56, 60.612,
300.342


 86, 60.612,
300.342

 46, 60.612,
300.342

 96, 60.612,
300.342

 36, 60.612,
300.342

 26, 60.612,
300.342

 16, 60.612,
300.342

 6, 60.612, 300.342

 0, 60.612, 300.342

■ 66, 60.612,
300.342

■ 66, 60.612,
300.342

■ 58, 76.111,
301.758

■ 74, 45.544,
299.066

■ 51, 91.725,
303.258

■ 82, 31.022,
297.944

■ 44, 106.726,
304.716

■ 90, 17.063,
296.973

■ 39, 119.749,
305.921

■ 98, 3.651, 296.141

■ 35, 128.891,
306.609

100, 0.143,
109.628

■ 33, 132.668,
306.767

Harmonies

Complementary

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



66, 60.612, 300.342



97, 54.380, 112.716

Rectangle

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



66, 60.612, 300.342



66, 60.612, 350.342



66, 60.612, 120.342



66, 60.612, 170.342

Sweetspot

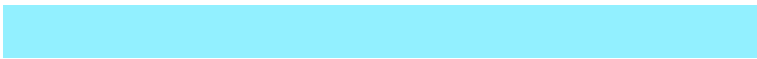
The Sweet Spot groups the original color and five complimentary colors.



66, 60.611, 300.342



90, 17.377, 296.993



90, 29.037, 212.924



46, 12.212, 297.196



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



66, 60.611, 300.342



60, 73.397, 301.498



71, 63.045, 315.468



49, 7.549, 296.686



24, 106.809, 306.854



4, 44.454, 304.565

Inverse Universe

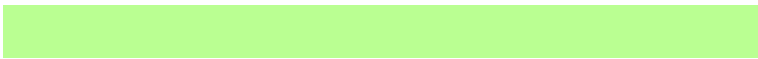
The Inverse Universe completely reimagines the original color for something new.



75, 61.034, 331.391



71, 71.643, 331.918



93, 60.461, 131.529



50, 8.186, 329.279



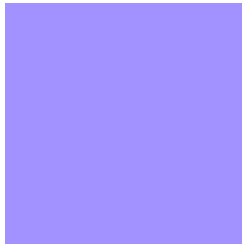
44, 82.974, 335.099



12, 38.697, 334.153

Previews

White Background



This preview shows how the CIELCh color 66, 60.612, 300.342 looks on a white background.

Color Contrast Check

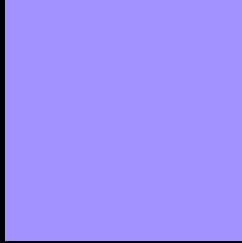
Large Text (above 18pt) WCAG AA × Fail

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 66, 60.612, 300.342 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 66, 60.612, 300.342

Background



This preview shows how black text looks on a background with the CIELCh color 66, 60.612, 300.342.



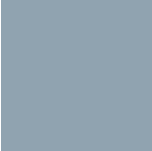
This preview shows how white text looks on a background with the CIELCh color 66, 60.612, 300.342.

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
66, 9.745, 246.896

Trichromacy



Original Color
66, 60.612, 300.342

Protanomaly
66, 56.465, 291.034

Deuteranomaly
66, 54.384, 288.131

Tritanomaly
66, 26.678, 287.939

Monochromacy



Original Color
66, 60.612, 300.342

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 21.773, 297.875

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 60.612, 300.342 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(162, 146, 255)` looks like.

```
.text, #text, p{  
    color:rgb(162, 146, 255)  
}
```

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(162, 146, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 146, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 60.612, 300.342 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(162, 146, 255) }
```

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

```
.border{ border-color:rgb(162, 146, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 146, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 146, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 146, 255);  
box-shadow:4px 4px 4px 4px rgb(162, 146,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 60.612, 300.342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 146, 255) }
```

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

```
.background{ background-color: rgb(162,  
146, 255) }
```

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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