

Converting Colors

CIELCh(65, 64.105, 301.230)

Have a look what the booklet for
CIELCh(65, 64.105, 301.230)
contains.

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Color

CIELCh(65, 63.666, 301.441)

Conversions

Conversions Part 1

Format	Color
Hex	A18DFF
RGB	161, 141, 255
RGB Percent	63%, 55%, 100%
CMY	0.3668, 0.4454, 0.0000
CMYK	0.37, 0.45, 0.00, 0.00
HSL	251°, 100%, 78%
HSV	251°, 45%, 100%
XYZ	42.5014, 34.0472, 99.3340
YIQ	159.9760, -24.6740, 39.6940

Conversions

Conversions Part 2

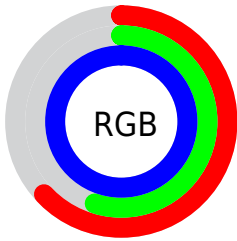
Format	Color
R _Y B	161, 141, 255
Decimal	10587647
CIE Lab	65.00, 33.21, -54.32
CIE LCh	65, 63.666, 301.441
Yxy	34.0472, 0.2416, 0.1936
Android (android.graphics.Color)	4288777727 (0xFFA18DFF)
YUV	159.9760, 46.8468, 0.8980
Hunter-Lab	58.3500, 27.9047, -60.0893

Details

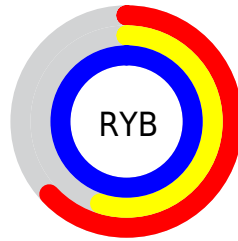
The CIELCh color $65, 63.666, 301.441$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $96, 56.721, 113.922$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 32.941, 306.803$, and $45, 63.574, 301.187$ is the 20% darker color. If you saturate the color by 10%, you get $57, 78.922, 302.776$, and if you desaturate by 10%, it is $73, 48.267, 300.236$.

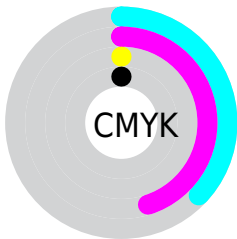
Distribution



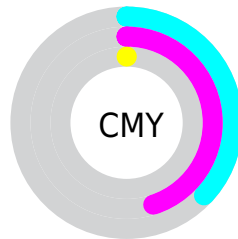
- Red (63%)
- Green (55%)
- Blue (100%)



- Red (63%)
- Yellow (55%)
- Blue (100%)



- Cyan (37%)
- Magenta (45%)
- Yellow (0%)
- Black (0%)





- Cyan (37%)
- Magenta (45%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 63.666, 301.441 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, 63.666, 301.441 by changing the saturation by 10% instead.


 65, 63.666,
301.441


 65, 63.666,
301.441


 100, 63.666,
301.441


 55, 63.666,
301.441


 85, 63.666,
301.441

 45, 63.666,
301.441

 95, 63.666,
301.441

 35, 63.666,
301.441

 25, 63.666,
301.441

 15, 63.666,
301.441

 5, 63.666, 301.441

 0, 63.666, 301.441

65, 63.666,
301.441

65, 63.666,
301.441

57, 78.922,
302.776

73, 48.267,
300.236

50, 94.406,
304.152

81, 33.628,
299.161

44, 109.049,
305.446

89, 19.539,
298.223

38, 121.413,
306.444

96, 5.992, 297.413

35, 129.667,
306.902

100, 0.012,
296.813

34, 132.405,
306.954

Harmonies

Complementary

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



65, 63.666, 301.441



96, 56.721, 113.922

Rectangle

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



65, 63.666, 301.441



65, 63.666, 351.441



65, 63.666, 121.441



65, 63.666, 171.441

Sweetspot

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



65, 63.415, 301.449



90, 17.415, 298.090



88, 29.381, 217.561



46, 12.238, 298.281



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, 63.415, 301.449



59, 76.520, 302.566



70, 66.002, 316.590



49, 7.566, 297.800



24, 106.480, 307.056



4, 44.511, 305.098

Inverse Universe

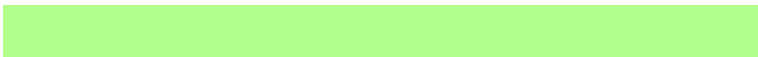
The Inverse Universe completely reimagines the original color for something new.



74, 62.157, 332.599



70, 72.599, 333.184



93, 63.528, 132.469



50, 8.015, 330.277



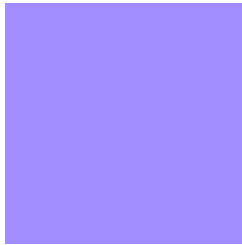
44, 81.103, 336.780



12, 37.920, 335.573

Previews

White Background



This preview shows how the CIELCh color 65, 63.666, 301.441 looks on a white background.

Color Contrast Check

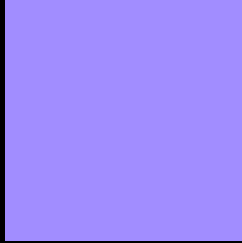
Large Text (above 18pt) WCAG AA × Fail

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, 63.666, 301.441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

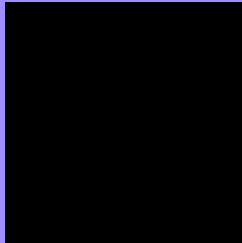
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 63.666, 301.441

Background



This preview shows how black text looks on a background with the CIELCh color 65, 63.666, 301.441.



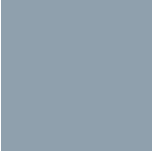
This preview shows how white text looks on a background with the CIELCh color 65, 63.666, 301.441.

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, 9.323, 250.110

Trichromacy



Original Color
65, 63.666, 301.441

Protanomaly
65, 58.858, 291.848

Deuteranomaly
65, 55.658, 288.303

Tritanomaly
65, 27.853, 291.027

Monochromacy



Original Color
65, 63.666, 301.441

Achromatopsia
66, 0.008, 296.813

Achromatomaly
65, 23.605, 299.327

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 63.666, 301.441 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(161, 141, 255)` looks like.

```
.text, #text, p{  
    color:rgb(161, 141, 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(161, 141, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 141, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 63.666, 301.441 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(161, 141, 255) }
```

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

```
.border{ border-color:rgb(161, 141, 255) }
```

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

Here you see how a box with a 4 pixel rgb(161, 141, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 141, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 141, 255);  
box-shadow:4px 4px 4px 4px rgb(161, 141,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 63.666, 301.441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 141, 255) }
```

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

```
.background{ background-color: rgb(161,  
141, 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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