

Converting Colors

CIELCh(65, 60.539, 296.143)

Have a look what the booklet for
CIELCh(65, 60.539, 296.143)
contains.

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Color

CIELCh(65, 60.530, 296.142)

Conversions

Conversions Part 1

Format	Color
Hex	9292FF
RGB	146, 146, 255
RGB Percent	57%, 57%, 100%
CMY	0.4260, 0.4262, 0.0000
CMYK	0.43, 0.43, 0.00, 0.00
HSL	240°, 100%, 79%
HSV	240°, 43%, 100%
XYZ	40.3575, 34.0472, 99.3642
YIQ	158.4260, -34.9890, 33.8990

Conversions

Conversions Part 2

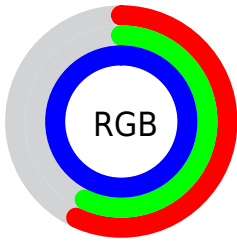
Format	Color
RYB	146, 146, 255
Decimal	9605887
CIELab	65.00, 26.67, -54.34
CIElCh	65, 60.530, 296.142
Yxy	34.0472, 0.2322, 0.1959
Android (android.graphics.Color)	4287795967 (0xFF9292FF)
YUV	158.4260, 47.6110, -10.8976
Hunter-Lab	58.3500, 21.3463, -60.1200

Details

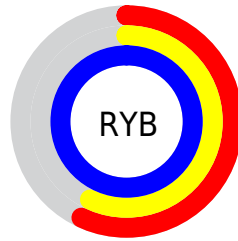
The CIELCh color `65, 60.530, 296.142` is a light color, and the websafe version is hex `9999FF`. A complement of this color would be `98, 53.834, 106.073`, and the grayscale version is `65, 0.008, 296.813`.

A 20% lighter version of the original color is `83, 29.223, 295.220`, and `45, 60.508, 295.931` is the 20% darker color. If you saturate the color by 10%, you get `57, 76.052, 298.147`, and if you desaturate by 10%, it is `73, 45.180, 294.353`.

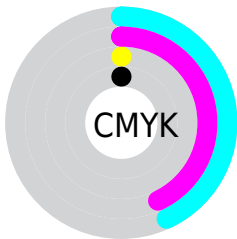
Distribution



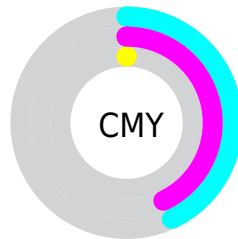
- Red (57%)
- Green (57%)
- Blue (100%)



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



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





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 60.530, 296.142 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, 60.530, 296.142 by changing the saturation by 10% instead.


 65, 60.530,
296.142


 65, 60.530,
296.142


 100, 60.530,
296.142


 55, 60.530,
296.142


 85, 60.530,
296.142

 45, 60.530,
296.142

 95, 60.530,
296.142

 35, 60.530,
296.142

 25, 60.530,
296.142

 15, 60.530,
296.142

 5, 60.530, 296.142

 0, 60.530, 296.142

■ 65, 60.530,
296.142

■ 65, 60.530,
296.142

■ 57, 76.052,
298.147

■ 73, 45.180,
294.353

■ 49, 92.076,
300.351

■ 81, 30.661,
292.832

■ 43, 107.639,
302.569

■ 90, 16.753,
291.544

■ 37, 121.144,
304.503

■ 98, 3.412, 290.470

■ 34, 130.302,
305.798

100, 0.012,
296.813

■ 32, 133.814,
306.288

Harmonies

Complementary

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



65, 60.530, 296.142



98, 53.834, 106.073

Rectangle

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



65, 60.530, 296.142



65, 60.530, 346.142



65, 60.530, 116.142



65, 60.530, 166.142

Sweetspot

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



65, 60.329, 296.126



89, 17.277, 291.589



94, 32.770, 197.403



46, 12.144, 291.857



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, 60.329, 296.126



58, 73.480, 297.805



70, 61.822, 311.239



49, 7.504, 291.186



23, 107.779, 306.288



3, 44.128, 301.765

Inverse Universe

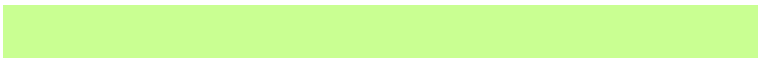
The Inverse Universe completely reimagines the original color for something new.



76, 67.153, 326.731



72, 79.007, 327.115



94, 58.068, 127.054



50, 9.055, 324.955



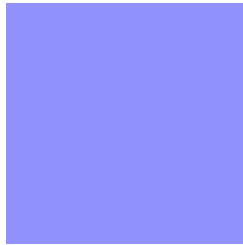
45, 93.059, 328.245



12, 42.813, 328.244

Previews

White Background



This preview shows how the CIE LCh color 65, 60.530, 296.142 looks on a white background.

Color Contrast Check

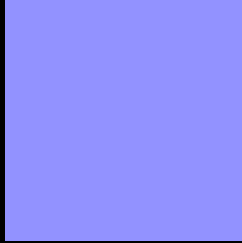
Large Text (above 18pt) WCAG AA × Fail

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, 60.530, 296.142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

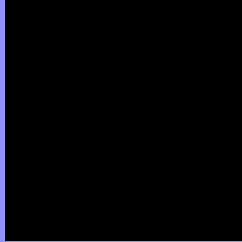
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 60.530, 296.142

Background



This preview shows how black text looks on a background with the CIELCh color 65, 60.530, 296.142.



This preview shows how white text looks on a background with the CIELCh color 65, 60.530, 296.142.

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, 14.674, 228.136

Trichromacy



Original Color
65, 60.530, 296.142

Protanomaly
65, 57.780, 289.854

Deuteranomaly
65, 55.257, 285.876

Tritanomaly
65, 27.015, 275.690

Monochromacy



Original Color
65, 60.530, 296.142

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 22.280, 292.501

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 60.530, 296.142 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(146, 146, 255)` looks like.

```
.text, #text, p{  
    color:rgb(146, 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(146, 146, 255) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 65, 60.530, 296.142 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(146, 146, 255) }
```

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

```
.border{ border-color:rgb(146, 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(146, 146, 255)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 65, 60.530, 296.142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(146,  
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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