

Converting Colors

CIELCh(65, 55.317, 295.202)

Have a look what the booklet for
CIELCh(65, 55.317, 295.202)
contains.

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Color

CIELCh(65, 55.531, 295.106)

Conversions

Conversions Part 1

Format	Color
Hex	9294F8
RGB	146, 148, 248
RGB Percent	57%, 58%, 97%
CMY	0.4276, 0.4198, 0.0276
CMYK	0.41, 0.40, 0.00, 0.03
HSL	239°, 88%, 77%
HSV	239°, 41%, 97%
XYZ	39.3645, 34.0472, 93.2649
YIQ	158.8020, -33.2920, 30.6760

Conversions

Conversions Part 2

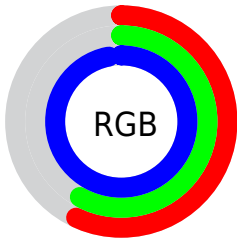
Format	Color
R _Y B	146, 148, 248
Decimal	9606392
CIE Lab	65.00, 23.56, -50.28
CIE LCh	65, 55.531, 295.106
Yxy	34.0472, 0.2362, 0.2043
Android (android.graphics.Color)	4287796472 (0xFF9294F8)
YUV	158.8020, 43.9746, -11.2274
Hunter-Lab	58.3500, 18.3086, -53.9225

Details

The CIELCh color `65, 55.531, 295.106` is a light color, and the websafe version is hex `9999FF`. A complement of this color would be `95, 50.013, 105.327`, and the grayscale version is `65, 0.008, 296.813`.

A 20% lighter version of the original color is `83, 28.077, 293.231`, and `45, 55.217, 294.784` is the 20% darker color. If you saturate the color by 10%, you get `57, 70.495, 297.118`, and if you desaturate by 10%, it is `73, 41.140, 293.353`.

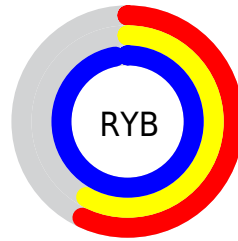
Distribution



Red (57%)

Green (58%)

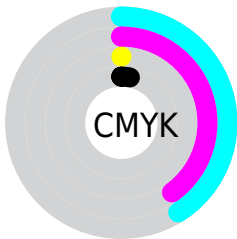
Blue (97%)



Red (57%)

Yellow (58%)

Blue (97%)

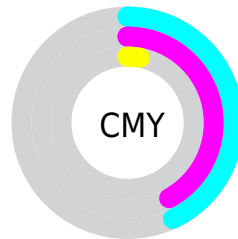


Cyan (41%)

Magenta (40%)

Yellow (0%)

Black (3%)



Cyan (43%)


Magenta (42%)


Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 55.531, 295.106 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, 55.531, 295.106 by changing the saturation by 10% instead.


 65, 55.531,
295.106


 65, 55.531,
295.106


 100, 55.531,
295.106


 55, 55.531,
295.106


 85, 55.531,
295.106

 45, 55.531,
295.106

 95, 55.531,
295.106

 35, 55.531,
295.106

 25, 55.531,
295.106

 15, 55.531,
295.106

 5, 55.531, 295.106

 0, 55.531, 295.106

65, 55.531,
295.106

65, 55.531,
295.106

57, 70.495,
297.118

73, 41.140,
293.353

50, 85.857,
299.344

81, 27.347,
291.854

43, 101.068,
301.649

89, 14.121,
290.584

37, 114.876,
303.773

97, 1.422, 289.560

33, 125.247,
305.368

100, 3.563,
109.890

32, 130.224,
306.124

Harmonies

Complementary

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



65, 55.531, 295.106



95, 50.013, 105.327

Rectangle

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



65, 55.531, 295.106



65, 55.531, 345.106



65, 55.531, 115.106



65, 55.531, 165.106

Sweetspot

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



65, 55.530, 295.106



90, 15.594, 290.688



92, 31.496, 194.190



47, 10.370, 290.844



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, 55.530, 295.106



60, 68.812, 296.683



69, 58.056, 310.093



48, 7.232, 290.396



23, 105.816, 306.057



3, 41.447, 300.500

Inverse Universe

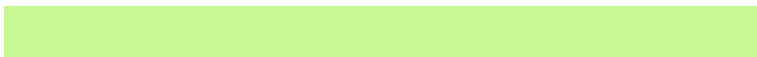
The Inverse Universe completely reimagines the original color for something new.



71, 41.665, 22.113



69, 51.955, 23.632



92, 54.397, 125.918



49, 5.166, 18.353



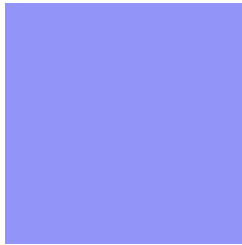
39, 82.504, 39.218



9, 32.051, 25.357

Previews

White Background



This preview shows how the CIELCh color 65, 55.531, 295.106 looks on a white background.

Color Contrast Check

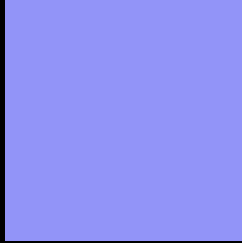
Large Text (above 18pt) WCAG AA × Fail

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, 55.531, 295.106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

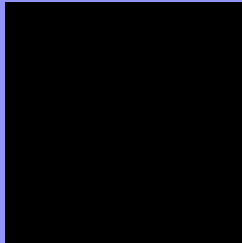
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 55.531, 295.106

Background



This preview shows how black text looks on a background with the CIELCh color 65, 55.531, 295.106.



This preview shows how white text looks on a background with the CIELCh color 65, 55.531, 295.106.

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



Original Color
65, 55.531, 295.106

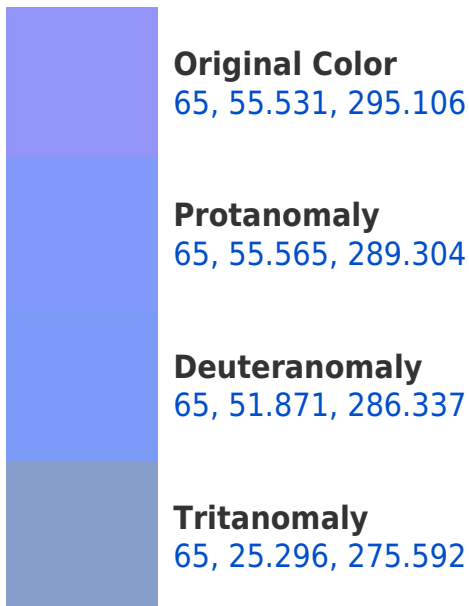
Protanopia
65, 55.760, 286.283

Deuteranopia
65, 50.187, 281.195

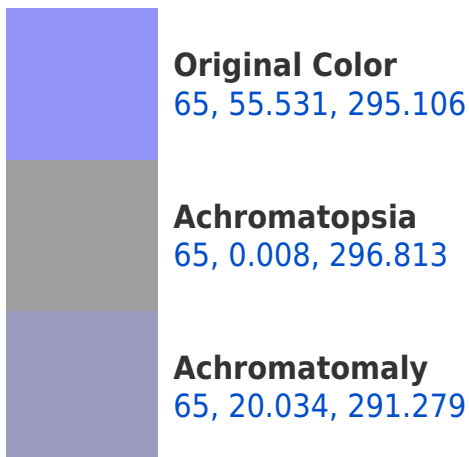


Tritanopia
65, 13.867, 230.145

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 55.531, 295.106 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, 148, 248)` looks like.

```
.text, #text, p{  
    color:rgb(146, 148, 248)  
}
```

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, 148, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 148, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 55.531, 295.106 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, 148, 248) }
```

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

```
.border{ border-color:rgb(146, 148, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 148, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(146, 148, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(146, 148, 248); box-shadow:4px 4px 4px 4px rgb(146, 148, 248) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 55.531, 295.106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 148, 248) }
```

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

```
.background{ background-color: rgb(146,  
148, 248) }
```

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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