

Converting Colors

CIELCh(63, 62.823, 296.000)

Have a look what the booklet for
CIELCh(63, 62.823, 296.000)
contains.

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Color

CIELCh(63, 62.499, 295.953)

Conversions

Conversions Part 1

Format	Color
Hex	8B8DFD
RGB	139, 141, 253
RGB Percent	55%, 55%, 99%
CMY	0.4553, 0.4474, 0.0083
CMYK	0.45, 0.44, 0.00, 0.01
HSL	239°, 96%, 77%
HSV	239°, 45%, 99%
XYZ	37.8536, 31.5869, 96.9407
YIQ	153.1700, -37.1440, 34.4080

Conversions

Conversions Part 2

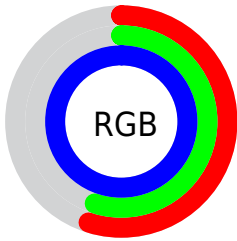
Format	Color
RYB	139, 141, 253
Decimal	9145853
CIELab	63.00, 27.35, -56.20
CIELCh	63, 62.499, 295.953
Yxy	31.5869, 0.2275, 0.1898
Android (android.graphics.Color)	4287335933 (0xFF8B8DFD)
YUV	153.1700, 49.2162, -12.4271
Hunter-Lab	56.2022, 21.8704, -62.9251

Details

The CIELCh color $63, 62.499, 295.953$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $97, 55.504, 105.045$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 31.977, 294.097$, and $43, 62.694, 296.081$ is the 20% darker color. If you saturate the color by 10%, you get $55, 77.936, 298.059$, and if you desaturate by 10%, it is $71, 47.600, 294.097$.

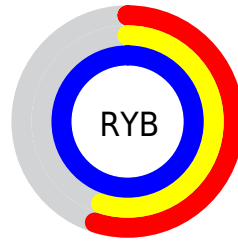
Distribution



Red (55%)

Green (55%)

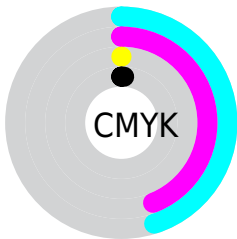
Blue (99%)



Red (55%)

Yellow (55%)

Blue (99%)

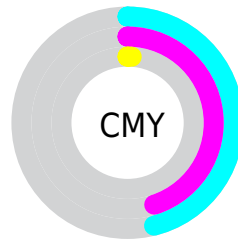


Cyan (45%)

Magenta (44%)

Yellow (0%)

Black (1%)



Cyan (46%)


Magenta (45%)


Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 62.499, 295.953 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 63, 62.499, 295.953 by changing the saturation by 10% instead.


 63, 62.499,
295.953


 63, 62.499,
295.953


 100, 62.499,
295.953


 53, 62.499,
295.953


 83, 62.499,
295.953

 43, 62.499,
295.953

 93, 62.499,
295.953

 33, 62.499,
295.953

 23, 62.499,
295.953

 13, 62.499,
295.953

 3, 62.499, 295.953

 0, 62.499, 295.953

■ 63, 62.499,
295.953

■ 63, 62.499,
295.953

■ 55, 77.936,
298.059

■ 71, 47.600,
294.097

■ 48, 93.611,
300.336

■ 79, 33.313,
292.499

■ 41, 108.705,
302.600

■ 87, 19.620,
291.142

■ 36, 121.577,
304.541

■ 95, 6.481, 290.000

■ 33, 130.022,
305.815

100, 1.057,
110.026

■ 32, 132.284,
306.144

Harmonies

Complementary

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



63, 62.499, 295.953



97, 55.504, 105.045

Rectangle

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



63, 62.499, 295.953



63, 62.499, 345.953



63, 62.499, 115.953



63, 62.499, 165.953

Sweetspot

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



63, 62.498, 295.954



89, 18.305, 291.010



93, 34.408, 193.974



46, 12.692, 291.279



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



63, 62.498, 295.954



56, 76.774, 297.827



67, 64.850, 310.329



49, 7.368, 290.481



23, 106.985, 306.084



4, 43.569, 301.471

Inverse Universe

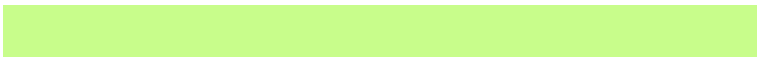
The Inverse Universe completely reimagines the original color for something new.



70, 46.980, 22.985



66, 58.014, 24.909



94, 60.324, 125.739



49, 5.252, 18.519



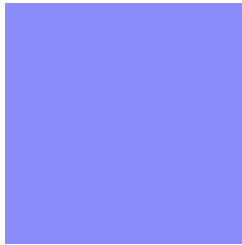
40, 83.435, 39.309



10, 33.221, 26.476

Previews

White Background



This preview shows how the CIELCh color 63, 62.499, 295.953 looks on a white background.

Color Contrast Check

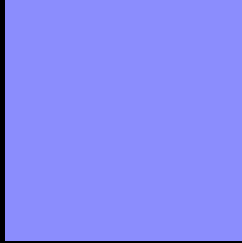
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 63, 62.499, 295.953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

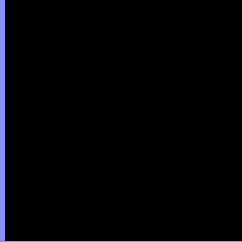
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 62.499, 295.953

Background



This preview shows how black text looks on a background with the CIELCh color 63, 62.499, 295.953.




This preview shows how white text looks on a background with the CIELCh color 63, 62.499, 295.953.

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
63, 15.801, 225.914

Trichromacy



Original Color
63, 62.499, 295.953

Protanomaly
63, 60.340, 289.679

Deuteranomaly
63, 57.301, 285.584

Tritanomaly
63, 28.383, 275.615

Monochromacy



Original Color
63, 62.499, 295.953

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 22.409, 291.694

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 62.499, 295.953 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(139, 141, 253)` looks like.

```
.text, #text, p{  
    color:rgb(139, 141, 253)  
}
```

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(139, 141, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 141, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 62.499, 295.953 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(139, 141, 253) }
```

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

```
.border{ border-color:rgb(139, 141, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 141, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 141, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 141, 253);  
box-shadow:4px 4px 4px 4px rgb(139, 141,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 62.499, 295.953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 141, 253) }
```

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

```
.background{ background-color: rgb(139,  
141, 253) }
```

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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