

Converting Colors

CIELCh(60, 63.311, 304.163)

Have a look what the booklet for
CIELCh(60, 63.311, 304.163)
contains.

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Color

CIELCh(60, 63.222, 304.185)

Conversions

Conversions Part 1

Format	Color
Hex	9B7EED
RGB	155, 126, 237
RGB Percent	61%, 49%, 93%
CMY	0.3910, 0.5048, 0.0694
CMYK	0.35, 0.47, 0.00, 0.07
HSL	256°, 76%, 71%
HSV	256°, 47%, 93%
XYZ	36.4031, 28.1233, 83.8678
YIQ	147.3250, -18.3470, 40.6690

Conversions

Conversions Part 2

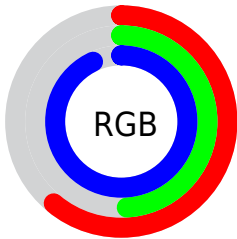
Format	Color
R _Y B	155, 126, 237
Decimal	10190573
CIE Lab	60.00, 35.52, -52.30
CIE LCh	60, 63.222, 304.185
Yxy	28.1233, 0.2453, 0.1895
Android (android.graphics.Color)	4288380653 (0xFF9B7EED)
YUV	147.3250, 44.2098, 6.7310
Hunter-Lab	53.0314, 29.7250, -56.6436

Details

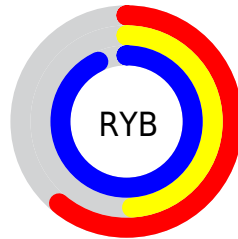
The CIELCh color **60, 63.222, 304.185** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **90, 56.742, 117.501**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 42.308, 308.349**, and **40, 63.146, 304.183** is the 20% darker color. If you saturate the color by 10%, you get **53, 77.685, 305.236**, and if you desaturate by 10%, it is **67, 48.923, 303.190**.

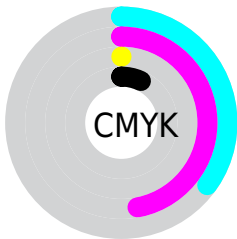
Distribution



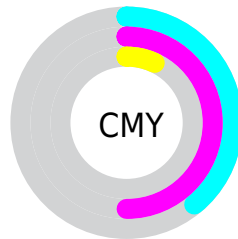
- Red (61%)
- Green (49%)
- Blue (93%)



- Red (61%)
- Yellow (49%)
- Blue (93%)



- Cyan (35%)
- Magenta (47%)
- Yellow (0%)
- Black (7%)





- Cyan (39%)
- Magenta (50%)
- Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 63.222, 304.185 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 60, 63.222, 304.185 by changing the saturation by 10% instead.


 60, 63.222,
304.185


 60, 63.222,
304.185


 100, 63.222,
304.185


 50, 63.222,
304.185


 80, 63.222,
304.185

 40, 63.222,
304.185

 90, 63.222,
304.185


 30, 63.222,
304.185

 20, 63.222,
304.185

 10, 63.222,
304.185

 0, 63.222, 304.185

 60, 63.222,

 60, 63.222,

304.185

■ 53, 77.685,
305.236

■ 47, 91.868,
306.271

■ 41, 104.933,
307.162

■ 36, 115.568,
307.723

■ 33, 122.353,
307.764

■ 32, 123.975,
307.732

304.185

■ 67, 48.923,
303.190

■ 74, 35.001,
302.283

■ 82, 21.537,
301.476

■ 89, 8.554, 300.766

■ 96, 3.958, 120.166

■ 100, 8.955,
109.498

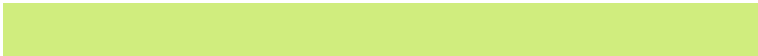
Harmonies

Complementary

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



60, 63.222, 304.185



90, 56.742, 117.501

Rectangle

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



60, 63.222, 304.185



60, 63.222, 354.185



60, 63.222, 124.185



60, 63.222, 174.185

Sweetspot

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



60, 63.221, 304.185



89, 18.944, 301.273



80, 28.148, 229.943



46, 13.130, 301.433



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



60, 63.221, 304.185



57, 81.161, 305.176



66, 66.130, 319.273



46, 7.253, 300.949



24, 102.097, 307.864



3, 38.624, 304.941

Inverse Universe

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



68, 57.964, 336.194



68, 71.871, 337.019



87, 64.413, 134.760



47, 7.171, 333.368



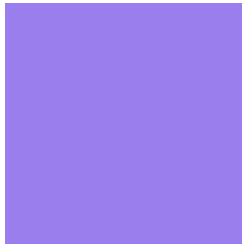
41, 73.998, 342.128



9, 33.141, 339.719

Previews

White Background



This preview shows how the CIELCh color 60, 63.222, 304.185 looks on a white background.

Color Contrast Check

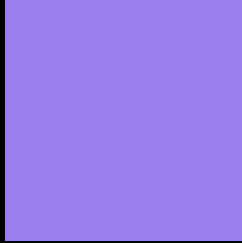
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 63.222, 304.185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

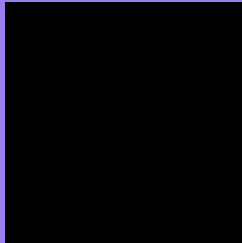
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 63.222, 304.185

Background



This preview shows how black text looks on a background with the CIELCh color 60, 63.222, 304.185.



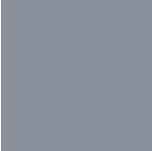
This preview shows how white text looks on a background with the CIELCh color 60, 63.222, 304.185.

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
60, 6.685, 267.983

Trichromacy



Original Color
60, 63.222, 304.185



Protanomaly
60, 61.957, 292.133



Deuteranomaly
60, 54.800, 289.551



Tritanomaly
60, 27.330, 297.470

Monochromacy



Original Color
60, 63.222, 304.185



Achromatopsia
61, 0.008, 296.813



Achromatomaly
60, 23.017, 302.346

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 63.222, 304.185 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(155, 126, 237)` looks like.

```
.text, #text, p{  
    color:rgb(155, 126, 237)  
}
```

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(155, 126, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 126, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 63.222, 304.185 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(155, 126, 237) }
```

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

```
.border{ border-color:rgb(155, 126, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 126, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 126, 237); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 126, 237); box-shadow:4px 4px 4px 4px rgb(155, 126, 237) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 63.222, 304.185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 126, 237) }
```

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

```
.background{ background-color: rgb(155,  
126, 237) }
```

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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