

Converting Colors

CIELCh(63, 44.034, 301.711)

Have a look what the booklet for
CIELCh(63, 44.034, 301.711)
contains.

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Color

CIELCh(63, 44.151, 301.658)

Conversions

Conversions Part 1

Format	Color
Hex	9E8DDB
RGB	158, 141, 219
RGB Percent	62%, 55%, 86%
CMY	0.3790, 0.4457, 0.1397
CMYK	0.28, 0.36, 0.00, 0.14
HSL	253°, 52%, 71%
HSV	253°, 36%, 86%
XYZ	36.5782, 31.5869, 71.4381
YIQ	154.9750, -14.9060, 27.8620

Conversions

Conversions Part 2

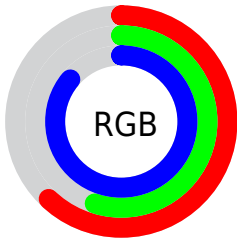
Format	Color
RYB	158, 141, 219
Decimal	10391003
CIELab	63.00, 23.17, -37.58
CIELCh	63, 44.151, 301.658
Yxy	31.5869, 0.2620, 0.2263
Android (android.graphics.Color)	4288581083 (0xFF9E8DDB)
YUV	154.9750, 31.5643, 2.6529
Hunter-Lab	56.2022, 17.8194, -36.0213

Details

The CIELCh color $63, 44.151, 301.658$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $85, 40.726, 116.329$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 32.591, 303.932$, and $43, 44.166, 301.335$ is the 20% darker color. If you saturate the color by 10%, you get $56, 57.554, 302.751$, and if you desaturate by 10%, it is $70, 31.152, 300.677$.

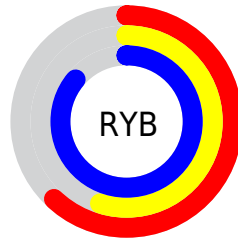
Distribution



Red (62%)

Green (55%)

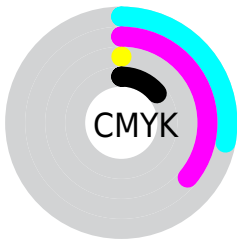
Blue (86%)



Red (62%)

Yellow (55%)

Blue (86%)

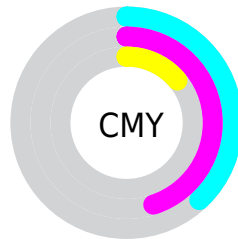


Cyan (28%)

Magenta (36%)

Yellow (0%)

Black (14%)



Cyan (38%)

Magenta (45%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 44.151, 301.658 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, 44.151, 301.658 by changing the saturation by 10% instead.

 63, 44.151,
301.658

 63, 44.151,
301.658


 100, 44.151,
301.658


 53, 44.151,
301.658


 83, 44.151,
301.658

 43, 44.151,
301.658


 93, 44.151,
301.658

 33, 44.151,
301.658

 23, 44.151,
301.658

 13, 44.151,
301.658

 3, 44.151, 301.658

 0, 44.151, 301.658

63, 44.151,
301.658

63, 44.151,
301.658

56, 57.554,
302.751

70, 31.152,
300.677

50, 71.209,
303.929

77, 18.614,
299.813

43, 84.754,
305.127

84, 6.539, 299.060

38, 97.463,
306.221

91, 5.086, 118.417

97, 16.288,
117.855

33, 108.121,
307.019

99, 18.020,
108.815

30, 115.243,
307.302

29, 117.501,
307.338

Harmonies

Complementary

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



63, 44.151, 301.658



85, 40.726, 116.329

Rectangle

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



63, 44.151, 301.658



63, 44.151, 351.658



63, 44.151, 121.658



63, 44.151, 171.658

Sweetspot

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



63, 44.150, 301.658



91, 14.735, 299.463



78, 21.205, 223.616



48, 9.926, 299.568



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, 44.150, 301.658



67, 61.138, 302.501



67, 47.034, 317.784



42, 6.708, 299.339



22, 98.430, 307.452



2, 29.961, 300.239

Inverse Universe

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



68, 43.187, 333.534



74, 58.484, 334.103



82, 45.890, 134.487



43, 6.875, 331.735



39, 73.187, 339.215



6, 29.640, 336.923

Previews

White Background



This preview shows how the CIELCh color 63, 44.151, 301.658 looks on a white background.

Color Contrast Check

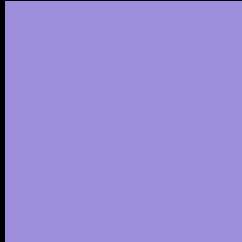
Large Text (above 18pt) WCAG AA × Fail

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 63, 44.151, 301.658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

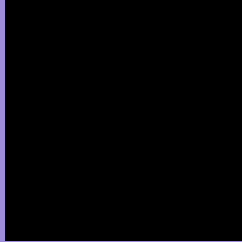
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 44.151, 301.658

Background



This preview shows how black text looks on a background with the CIELCh color 63, 44.151, 301.658.



This preview shows how white text looks on a background with the CIELCh color 63, 44.151, 301.658.

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

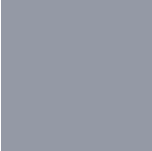
63, 44.151, 301.658

Protanopia

63, 42.699, 285.555

Deuteranopia

63, 37.247, 283.309



Tritanopia
63, 6.924, 275.459

Trichromacy



Original Color
63, 44.151, 301.658

Protanomaly
63, 43.059, 291.048

Deuteranomaly
63, 39.742, 290.788

Tritanomaly
63, 20.220, 295.307

Monochromacy



Original Color
63, 44.151, 301.658

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 15.859, 299.671

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 44.151, 301.658 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(158, 141, 219)` looks like.

```
.text, #text, p{  
    color:rgb(158, 141, 219)  
}
```

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(158, 141, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 141, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 44.151, 301.658 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(158, 141, 219) }
```

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

```
.border{ border-color:rgb(158, 141, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 141, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 141, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 141, 219);  
box-shadow:4px 4px 4px 4px rgb(158, 141,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 44.151, 301.658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 141, 219) }
```

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

```
.background{ background-color: rgb(158,  
141, 219) }
```

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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