

Converting Colors

CIELCh(63, 47.299, 299.477)

Have a look what the booklet for
CIELCh(63, 47.299, 299.477)
contains.

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Color

CIELCh(63, 47.245, 299.457)

Conversions

Conversions Part 1

Format	Color
Hex	9A8EE2
RGB	154, 142, 226
RGB Percent	60%, 56%, 89%
CMY	0.3971, 0.4441, 0.1148
CMYK	0.32, 0.37, 0.00, 0.11
HSL	249°, 59%, 72%
HSV	249°, 37%, 89%
XYZ	36.5966, 31.5869, 75.9140
YIQ	155.1640, -19.8120, 28.6680

Conversions

Conversions Part 2

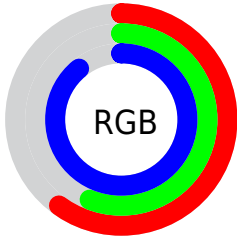
Format	Color
RYB	154, 142, 226
Decimal	10129122
CIELab	63.00, 23.23, -41.14
CIElCh	63, 47.245, 299.457
Yxy	31.5869, 0.2540, 0.2192
Android (android.graphics.Color)	4288319202 (0xFF9A8EE2)
YUV	155.1640, 34.9221, -1.0208
Hunter-Lab	56.2022, 17.8780, -40.7431

Details

The CIELCh color **63, 47.245, 299.457** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **87, 43.146, 112.961**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 31.767, 301.143**, and **43, 46.938, 299.348** is the 20% darker color. If you saturate the color by 10%, you get **56, 61.090, 300.799**, and if you desaturate by 10%, it is **70, 33.863, 298.268**.

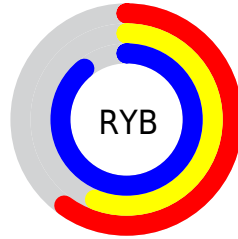
Distribution



Red (60%)

Green (56%)

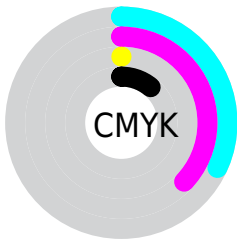
Blue (89%)



Red (60%)

Yellow (56%)

Blue (89%)

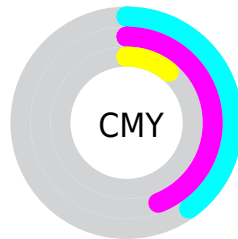


Cyan (32%)

Magenta (37%)

Yellow (0%)

Black (11%)



Cyan (40%)


Magenta (44%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 47.245, 299.457 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, 47.245, 299.457 by changing the saturation by 10% instead.


 63, 47.245,
299.457


 63, 47.245,
299.457


 100, 47.245,
299.457


 53, 47.245,
299.457


 83, 47.245,
299.457

 43, 47.245,
299.457

 93, 47.245,
299.457

 33, 47.245,
299.457

 23, 47.245,
299.457

 13, 47.245,
299.457

 3, 47.245, 299.457

 0, 47.245, 299.457

■ 63, 47.245,
299.457

■ 63, 47.245,
299.457

■ 56, 61.090,
300.799

■ 70, 33.863,
298.268

■ 49, 75.245,
302.265

■ 77, 20.992,
297.232

■ 43, 89.301,
303.775

■ 85, 8.622, 296.340

■ 37, 102.397,
305.173

■ 92, 3.269, 115.569

■ 32, 113.066,
306.219

■ 99, 14.713,
114.916

■ 29, 119.684,
306.681

■ 99, 14.817,
109.058

■ 29, 121.074,
306.777

Harmonies

Complementary

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



63, 47.245, 299.457



87, 43.146, 112.961

Rectangle

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



63, 47.245, 299.457



63, 47.245, 349.457



63, 47.245, 119.457



63, 47.245, 169.457

Sweetspot

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



63, 47.244, 299.457



91, 14.643, 296.670



82, 23.540, 212.632



48, 9.864, 296.790



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, 47.244, 299.457



64, 64.074, 300.533



67, 49.630, 315.215



43, 6.793, 296.528



21, 100.380, 306.861



2, 31.880, 299.279

Inverse Universe

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



70, 48.600, 330.882



74, 64.193, 331.393



84, 47.872, 131.829



44, 7.390, 329.144



40, 78.276, 334.840



7, 32.624, 333.606

Previews

White Background



This preview shows how the CIELCh color 63, 47.245, 299.457 looks on a white background.

Color Contrast Check

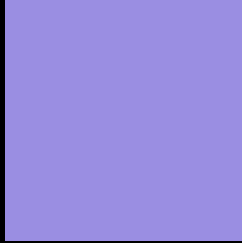
Large Text (above 18pt) WCAG AA × Fail

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, 47.245, 299.457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

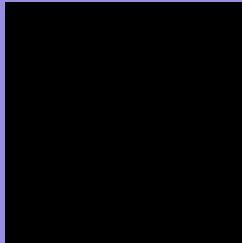
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 47.245, 299.457

Background



This preview shows how black text looks on a background with the CIELCh color 63, 47.245, 299.457.



This preview shows how white text looks on a background with the CIELCh color 63, 47.245, 299.457.

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, 47.245, 299.457

Protanopia
63, 46.076, 285.380

Deuteranopia
63, 41.267, 282.673



Tritanopia
63, 8.112, 255.244

Trichromacy



Original Color
63, 47.245, 299.457

Protanomaly
63, 46.413, 290.288

Deuteranomaly
63, 43.095, 289.113

Tritanomaly
63, 21.290, 288.754

Monochromacy



Original Color
63, 47.245, 299.457

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 17.476, 297.873

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 47.245, 299.457 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(154, 142, 226)` looks like.

```
.text, #text, p{  
    color:rgb(154, 142, 226)  
}
```

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(154, 142, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 142, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 47.245, 299.457 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(154, 142, 226) }
```

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

```
.border{ border-color:rgb(154, 142, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 142, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(154, 142, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(154, 142, 226); box-shadow:4px 4px 4px 4px rgb(154, 142, 226) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 47.245, 299.457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 142, 226) }
```

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

```
.background{ background-color: rgb(154,  
142, 226) }
```

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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