

Converting Colors

CIELCh(63, 48.127, 295.354)

Have a look what the booklet for
CIELCh(63, 48.127, 295.354)
contains.

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Color

CIELCh(63, 48.115, 295.469)

Conversions

Conversions Part 1

Format	Color
Hex	9190E6
RGB	145, 144, 230
RGB Percent	57%, 56%, 90%
CMY	0.4322, 0.4361, 0.0989
CMYK	0.37, 0.37, 0.00, 0.10
HSL	241°, 63%, 73%
HSV	241°, 37%, 90%
XYZ	35.8344, 31.5869, 78.9083
YIQ	154.1030, -27.0100, 26.9580

Conversions

Conversions Part 2

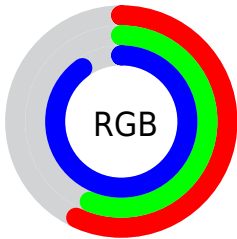
Format	Color
RYB	145, 144, 230
Decimal	9539814
CIELab	63.00, 20.69, -43.44
CIElCh	63, 48.115, 295.469
Yxy	31.5869, 0.2449, 0.2159
Android (android.graphics.Color)	4287729894 (0xFF9190E6)
YUV	154.1030, 37.4172, -7.9833
Hunter-Lab	56.2022, 15.4571, -43.9020

Details

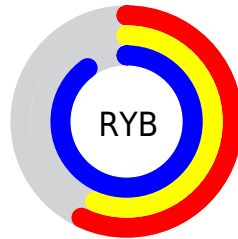
The CIELCh color $63, 48.115, 295.469$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $89, 43.719, 107.082$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 30.317, 294.613$, and $43, 47.972, 295.242$ is the 20% darker color. If you saturate the color by 10%, you get $56, 62.283, 297.302$, and if you desaturate by 10%, it is $71, 34.506, 293.881$.

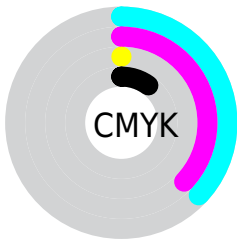
Distribution



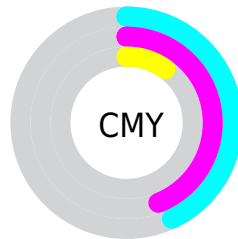
- Red (57%)
- Green (56%)
- Blue (90%)



- Red (57%)
- Yellow (56%)
- Blue (90%)



- Cyan (37%)
- Magenta (37%)
- Yellow (0%)
- Black (10%)




- Cyan (43%)
- Magenta (44%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 48.115, 295.469 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, 48.115, 295.469 by changing the saturation by 10% instead.


 63, 48.115,
295.469

 63, 48.115,
295.469


 100, 48.115,
295.469

 53, 48.115,
295.469


 83, 48.115,
295.469


 43, 48.115,
295.469


 93, 48.115,
295.469

 33, 48.115,
295.469

 23, 48.115,
295.469

 13, 48.115,
295.469

 3, 48.115, 295.469

 0, 48.115, 295.469

■ 63, 48.115,
295.469

■ 63, 48.115,
295.469

■ 56, 62.283,
297.302

■ 71, 34.506,
293.881

■ 48, 76.890,
299.351

■ 78, 21.465,
292.525

■ 42, 91.528,
301.516

■ 86, 8.962, 291.377

■ 36, 105.208,
303.580

■ 93, 3.044, 110.372

■ 99, 12.764,
109.213

■ 32, 116.149,
305.216

■ 29, 122.455,
306.135

■ 29, 123.629,
306.313

Harmonies

Complementary

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



63, 48.115, 295.469



89, 43.719, 107.082

Rectangle

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



63, 48.115, 295.469



63, 48.115, 345.469



63, 48.115, 115.469



63, 48.115, 165.469

Sweetspot

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



63, 48.114, 295.469



91, 14.563, 291.773



86, 27.134, 197.609



47, 9.811, 291.927



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, 48.114, 295.469



63, 64.027, 296.886



67, 49.667, 310.941



44, 6.882, 291.595



21, 102.332, 306.323



2, 33.696, 297.052

Inverse Universe

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



71, 54.173, 326.777



74, 70.102, 327.165



87, 47.064, 127.307



45, 8.242, 325.249



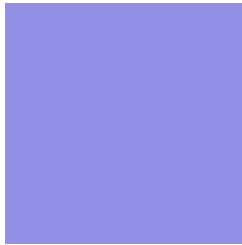
42, 87.638, 328.693



8, 36.827, 328.621

Previews

White Background



This preview shows how the CIELCh color 63, 48.115, 295.469 looks on a white background.

Color Contrast Check

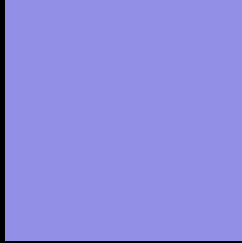
Large Text (above 18pt) WCAG AA × Fail

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, 48.115, 295.469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

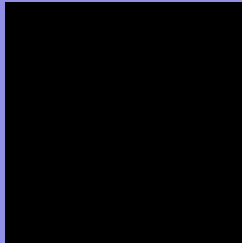
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 48.115, 295.469

Background



This preview shows how black text looks on a background with the CIELCh color 63, 48.115, 295.469.



This preview shows how white text looks on a background with the CIELCh color 63, 48.115, 295.469.

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, 48.115, 295.469

Protanopia

63, 48.285, 286.181

Deuteranopia

63, 43.045, 281.650



Tritanopia
63, 11.276, 239.184

Trichromacy



Original Color
63, 48.115, 295.469

Protanomaly
63, 48.130, 289.353

Deuteranomaly
63, 44.856, 287.036

Tritanomaly
63, 22.293, 278.631

Monochromacy



Original Color
63, 48.115, 295.469

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 17.931, 293.223

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 48.115, 295.469 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(145, 144, 230)` looks like.

```
.text, #text, p{  
    color:rgb(145, 144, 230)  
}
```

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(145, 144, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 144, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 48.115, 295.469 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(145, 144, 230) }
```

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

```
.border{ border-color:rgb(145, 144, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 144, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 144, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 144, 230);  
box-shadow:4px 4px 4px 4px rgb(145, 144,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 48.115, 295.469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 144, 230) }
```

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

```
.background{ background-color: rgb(145,  
144, 230) }
```

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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