

Converting Colors

CIELCh(48, 74.214, 307.807)

Have a look what the booklet for
CIELCh(48, 74.214, 307.807)
contains.

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Color

CIELCh(48, 74.155, 307.756)

Conversions

Conversions Part 1

Format	Color
Hex	8458D6
RGB	132, 88, 214
RGB Percent	52%, 35%, 84%
CMY	0.4816, 0.6542, 0.1600
CMYK	0.38, 0.59, 0.00, 0.16
HSL	261°, 61%, 59%
HSV	261°, 59%, 84%
XYZ	25.2132, 16.7945, 65.6640
YIQ	115.5200, -14.2220, 48.5140

Conversions

Conversions Part 2

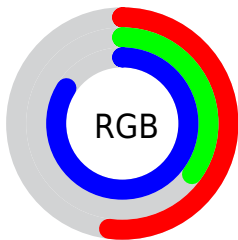
Format	Color
R _{YB}	132, 88, 214
Decimal	8673494
CIE _{Lab}	48.00, 45.41, -58.63
CIE _{LCh}	48, 74.155, 307.756
Yxy	16.7945, 0.2342, 0.1560
Android (android.graphics.Color)	4286863574 (0xFF8458D6)
YUV	115.5200, 48.5506, 14.4530
Hunter-Lab	40.9810, 38.1035, -66.3137

Details

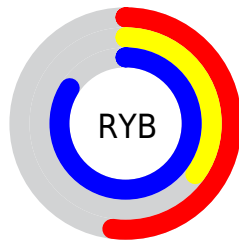
The CIELCh color **48, 74.155, 307.756** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **80, 65.433, 120.703**, and the grayscale version is **49, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 65.098, 309.066**, and **28, 73.982, 307.736** is the 20% darker color. If you saturate the color by 10%, you get **42, 86.707, 308.483**, and if you desaturate by 10%, it is **54, 61.085, 306.959**.

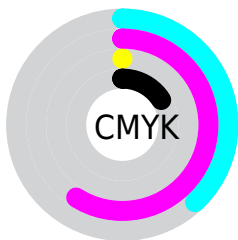
Distribution



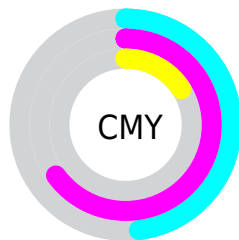
- Red (52%)
- Green (35%)
- Blue (84%)



- Red (52%)
- Yellow (35%)
- Blue (84%)



- Cyan (38%)
- Magenta (59%)
- Yellow (0%)
- Black (16%)



- Cyan (48%)
- Magenta (65%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 48, 74.155, 307.756 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 48, 74.155, 307.756 by changing the saturation by 10% instead.

 48, 74.155,
307.756


 48, 74.155,
307.756


 100, 74.155,
307.756

 38, 74.155,
307.756

 68, 74.155,
307.756


 28, 74.155,
307.756

 78, 74.155,
307.756

 18, 74.155,
307.756

 88, 74.155,
307.756

 8, 74.155, 307.756

 98, 74.155,
307.756

 0, 74.155, 307.756

 48, 74.155,

 48, 74.155,

307.756

42, 86.707,
308.483

37, 97.946,
309.019

33, 106.766,
309.208

31, 112.392,
308.956

30, 112.975,
308.928

307.756

54, 61.085,
306.959

60, 47.980,
306.166

67, 35.093,
305.417


73, 22.551,
304.732

80, 10.403,
304.116

86, 1.337, 123.635

93, 12.676,
123.115

98, 21.085,
119.973

 99, 20.619,
108.616

Harmonies

Complementary

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



48, 74.155, 307.756



80, 65.433, 120.703

Rectangle

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



48, 74.155, 307.756



48, 74.155, 357.756



48, 74.155, 127.756



48, 74.155, 177.756

Sweetspot

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



48, 74.154, 307.756



86, 24.799, 304.689



67, 31.856, 245.389



44, 17.317, 304.882



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



48, 74.154, 307.756



49, 102.784, 308.662



55, 75.926, 322.218



42, 6.689, 304.150



23, 95.274, 309.082



3, 28.228, 303.061

Inverse Universe

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



56, 61.543, 341.588



62, 80.882, 343.311



77, 74.910, 136.078



42, 6.140, 336.990



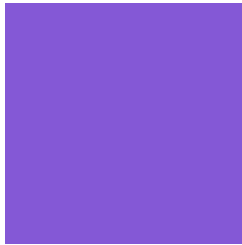
37, 66.469, 348.521



5, 25.593, 344.044

Previews

White Background



This preview shows how the CIE LCh color 48, 74.155, 307.756 looks on a white background.

Color Contrast Check

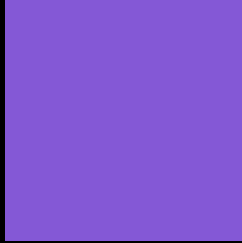
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 48, 74.155, 307.756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

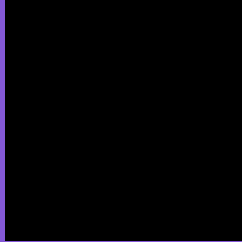
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 74.155, 307.756

Background



This preview shows how black text looks on a background with the CIELCh color 48, 74.155, 307.756.



This preview shows how white text looks on a background with the CIELCh color 48, 74.155, 307.756.

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


48, 74.155, 307.756

Protanopia

48, 72.928, 287.569

Deuteranopia

48, 53.918, 277.178



Tritanopia
48, 5.322, 286.674

Trichromacy



Original Color
48, 74.155, 307.756



Protanomaly
47, 73.634, 291.489



Deuteranomaly
46, 60.640, 286.587



Tritanomaly
47, 31.340, 303.674

Monochromacy



Original Color
48, 74.155, 307.756



Achromatopsia
49, 0.007, 296.813



Achromatomaly
48, 27.880, 305.416

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 74.155, 307.756 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(132, 88, 214)` looks like.

```
.text, #text, p{  
    color:rgb(132, 88, 214)  
}
```

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(132, 88, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 88, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 74.155, 307.756 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(132, 88, 214) }
```

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

```
.border{ border-color:rgb(132, 88, 214) }
```

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

Here you see how a box with a 4 pixel rgb(132, 88, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 88, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 88, 214);  
box-shadow:4px 4px 4px 4px rgb(132, 88,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 74.155, 307.756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 88, 214) }
```

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

```
.background{ background-color: rgb(132, 88,  
214) }
```

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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