

Converting Colors

CIELCh(48, 62.841, 303.756)

Have a look what the booklet for
CIELCh(48, 62.841, 303.756)
contains.

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Color

CIELCh(48, 63.174, 303.982)

Conversions

Conversions Part 1

Format	Color
Hex	7960CB
RGB	121, 96, 203
RGB Percent	47%, 38%, 80%
CMY	0.5248, 0.6229, 0.2032
CMYK	0.40, 0.53, 0.00, 0.20
HSL	254°, 51%, 59%
HSV	254°, 53%, 80%
XYZ	22.9103, 16.7945, 58.6502
YIQ	115.6730, -19.4470, 38.5770

Conversions

Conversions Part 2

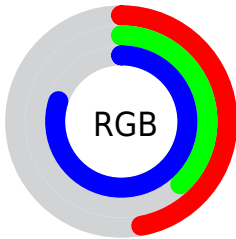
Format	Color
R_{YB}	121, 96, 203
Decimal	7954635
CIE _{Lab}	48.00, 35.31, -52.38
CIE _{LCh}	48, 63.174, 303.982
Yxy	16.7945, 0.2329, 0.1708
Android (android.graphics.Color)	4286144715 (0xFF7960CB)
YUV	115.6730, 43.0522, 4.6718
Hunter-Lab	40.9810, 28.0728, -56.1664

Details

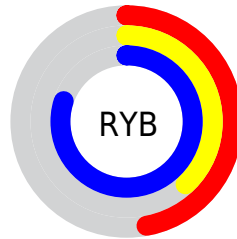
The CIELCh color **48, 63.174, 303.982** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **78, 55.563, 116.029**, and the grayscale version is **49, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 60.323, 304.254**, and **28, 62.885, 303.825** is the 20% darker color. If you saturate the color by 10%, you get **42, 75.942, 305.122**, and if you desaturate by 10%, it is **54, 50.414, 302.880**.

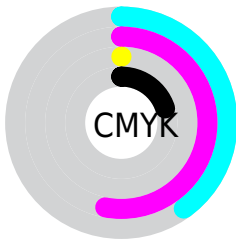
Distribution



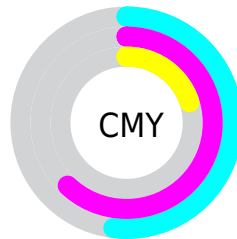
- Red (47%)
- Green (38%)
- Blue (80%)



- Red (47%)
- Yellow (38%)
- Blue (80%)



- Cyan (40%)
- Magenta (53%)
- Yellow (0%)
- Black (20%)




- Cyan (52%)
- Magenta (62%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 48, 63.174, 303.982 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, 63.174, 303.982 by changing the saturation by 10% instead.


 48, 63.174,
303.982


 48, 63.174,
303.982


 100, 63.174,
303.982


 38, 63.174,
303.982

 68, 63.174,
303.982


 28, 63.174,
303.982

 78, 63.174,
303.982

 18, 63.174,
303.982

 88, 63.174,
303.982

 8, 63.174, 303.982

 98, 63.174,
303.982

 0, 63.174, 303.982

 48, 63.174,

 48, 63.174,

303.982

42, 75.942,
305.122

37, 88.171,
306.199

32, 98.892,
307.049

28, 106.776,
307.462

27, 110.648,
307.520

303.982

54, 50.414,
302.880

61, 37.932,
301.864

67, 25.842,
300.955


74, 14.178,
300.155

80, 2.941, 299.452

86, 7.885, 118.861

93, 18.323,
118.340

98, 26.406,
115.723

 99, 26.142,
108.193

Harmonies

Complementary

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



48, 63.174, 303.982



78, 55.563, 116.029

Rectangle

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



48, 63.174, 303.982



48, 63.174, 353.982



48, 63.174, 123.982



48, 63.174, 173.982

Sweetspot

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



48, 63.173, 303.983



88, 21.668, 300.426



69, 27.235, 228.350



45, 14.686, 300.592



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, 63.173, 303.983



52, 91.860, 305.254



54, 65.149, 318.934



40, 6.330, 299.916



21, 94.959, 307.631



2, 23.771, 298.449

Inverse Universe

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



56, 57.903, 335.452



65, 80.259, 336.390



75, 63.148, 133.984



40, 6.405, 332.307



37, 70.032, 340.164



5, 23.981, 337.075

Previews

White Background



This preview shows how the CIELCh color 48, 63.174, 303.982 looks on a white background.

Color Contrast Check

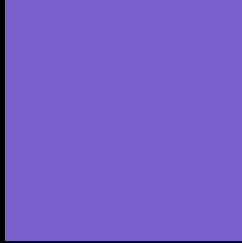
Large Text (above 18pt) WCAG AA ✓ Pass

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, 63.174, 303.982 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, 63.174, 303.982

Background



This preview shows how black text looks on a background with the CIELCh color 48, 63.174, 303.982.



This preview shows how white text looks on a background with the CIELCh color 48, 63.174, 303.982.

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
48, 7.154, 247.097

Trichromacy



Original Color
48, 63.174, 303.982

Protanomaly
48, 63.432, 292.243

Deuteranomaly
47, 54.995, 287.743

Tritanomaly
48, 26.026, 294.331

Monochromacy



Original Color
48, 63.174, 303.982

Achromatopsia
49, 0.007, 296.813

Achromatomaly
48, 23.326, 301.117

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 63.174, 303.982 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(121, 96, 203)` looks like.

```
.text, #text, p{  
    color:rgb(121, 96, 203)  
}
```

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(121, 96, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 96, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 63.174, 303.982 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(121, 96, 203) }
```

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

```
.border{ border-color:rgb(121, 96, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 96, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 96, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 96, 203);  
box-shadow:4px 4px 4px 4px rgb(121, 96,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 63.174, 303.982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 96, 203) }
```

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

```
.background{ background-color: rgb(121, 96,  
203) }
```

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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