

Converting Colors

CIELCh(50, 41.122, 7.391)

Have a look what the booklet for
CIELCh(50, 41.122, 7.391) contains.

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Color

CIELCh(50, 41.074, 7.267)

Conversions

Conversions Part 1

Format	Color
Hex	B85970
RGB	184, 89, 112
RGB Percent	72%, 35%, 44%
CMY	0.2796, 0.6520, 0.5618
CMYK	0.00, 0.52, 0.39, 0.28
HSL	345°, 40%, 53%
HSV	345°, 52%, 72%
XYZ	26.1570, 18.4187, 17.4313
YIQ	120.0270, 49.2370, 27.2930

Conversions

Conversions Part 2

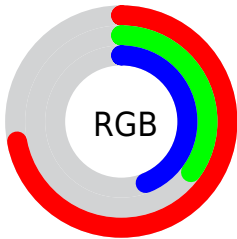
Format	Color
R _Y B	184, 89, 112
Decimal	12081520
CIE Lab	50.00, 40.74, 5.20
CIE LCh	50, 41.074, 7.267
Yxy	18.4187, 0.4218, 0.2970
Android (android.graphics.Color)	4290271600 (0xFFB85970)
YUV	120.0270, -3.9573, 56.1043
Hunter-Lab	42.9170, 33.6873, 5.9604

Details

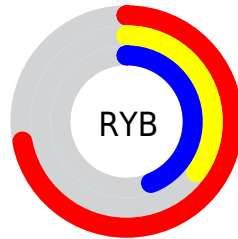
The CIELCh color **50, 41.074, 7.267** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **69, 33.902, 174.708**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 41.043, 7.210**, and **30, 41.067, 7.322** is the 20% darker color. If you saturate the color by 10%, you get **46, 48.855, 9.771**, and if you desaturate by 10%, it is **54, 32.913, 5.272**.

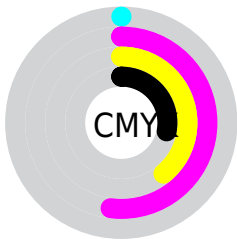
Distribution



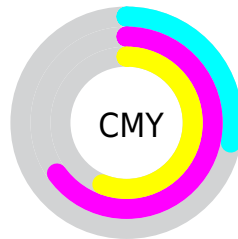
- Red (72%)
- Green (35%)
- Blue (44%)



- Red (72%)
- Yellow (35%)
- Blue (44%)



- Cyan (0%)
- Magenta (52%)
- Yellow (39%)
- Black (28%)






















- Cyan (28%)
- Magenta (65%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 50, 41.074, 7.267 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 50, 41.074, 7.267 by changing the saturation by 10% instead.

 50, 41.074, 7.267	 50, 41.074, 7.267
 100, 41.074, 7.267	 40, 41.074, 7.267
 70, 41.074, 7.267	 30, 41.074, 7.267
 80, 41.074, 7.267	 20, 41.074, 7.267
 90, 41.074, 7.267	 10, 41.074, 7.267
	 0, 41.074, 7.267

 50, 41.074, 7.267	 50, 41.074, 7.267
 46, 48.855, 9.771	 54, 32.913, 5.272
 43, 55.924, 12.933	 59, 24.674, 3.651
 41, 62.001, 16.904	 64, 16.571, 2.304

39, 67.010, 21.740

69, 8.736, 1.152

38, 70.718, 26.092

74, 1.238, 359.862

79, 5.897, 179.476

84, 12.670,
178.690

90, 19.099,
178.015

95, 25.210,
177.412

Harmonies

Complementary

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



50, 41.074, 7.267



69, 33.902, 174.708

Rectangle

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



50, 41.074, 7.267



50, 41.074, 57.267



50, 41.074, 187.267



50, 41.074, 237.267

Sweetspot

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



50, 41.071, 7.269



85, 14.994, 1.661



50, 59.113, 319.411



44, 10.163, 1.897



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



50, 41.071, 7.269



59, 60.867, 10.156



55, 35.848, 44.345



36, 4.207, 0.898



32, 62.186, 25.291



2, 11.021, 5.009

Inverse Universe

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



50, 41.071, 7.269



59, 60.867, 10.156



62, 24.779, 230.669



36, 4.207, 0.898



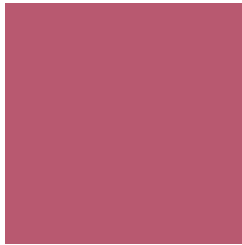
32, 62.186, 25.291



2, 11.021, 5.009

Previews

White Background



This preview shows how the CIELCh color 50, 41.074, 7.267 looks on a white background.

Color Contrast Check

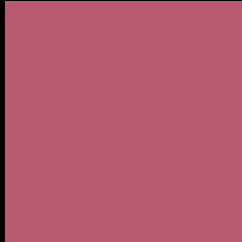
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 50, 41.074, 7.267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

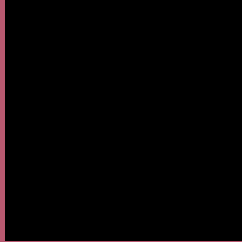
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 41.074, 7.267

Background



This preview shows how black text looks on a background with the CIELCh color 50, 41.074, 7.267.



This preview shows how white text looks on a background with the CIELCh color 50, 41.074, 7.267.

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

50, 41.074, 7.267

Protanopia

50, 5.849, 290.940

Deuteranopia

50, 9.738, 48.640



Tritanopia
50, 40.137, 19.547

Trichromacy



Original Color
50, 41.074, 7.267

Protanomaly
49, 16.676, 349.972

Deuteranomaly
49, 20.580, 15.611

Tritanomaly
50, 40.212, 14.871

Monochromacy



Original Color
50, 41.074, 7.267

Achromatopsia
50, 0.007, 296.813

Achromatomaly
50, 14.821, 3.018

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 41.074, 7.267 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(184, 89, 112)` looks like.

```
.text, #text, p{  
    color:rgb(184, 89, 112)  
}
```

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(184, 89, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 89, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 41.074, 7.267 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(184, 89, 112) }
```

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

```
.border{ border-color:rgb(184, 89, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 89, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 89, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 89, 112);  
box-shadow:4px 4px 4px 4px rgb(184, 89,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 41.074, 7.267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 89, 112) }
```

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

```
.background{ background-color: rgb(184, 89,  
112) }
```

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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