

Converting Colors

CIELCh(51, 40.439, 7.483)

Have a look what the booklet for
CIELCh(51, 40.439, 7.483) contains.

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Color

CIELCh(51, 40.515, 7.646)

Conversions

Conversions Part 1

Format	Color
Hex	BA5C72
RGB	186, 92, 114
RGB Percent	73%, 36%, 45%
CMY	0.2711, 0.6397, 0.5534
CMYK	0.00, 0.51, 0.39, 0.27
HSL	346°, 40%, 54%
HSV	346°, 51%, 73%
XYZ	27.0651, 19.2686, 18.1780
YIQ	122.6140, 48.9620, 26.7700

Conversions

Conversions Part 2

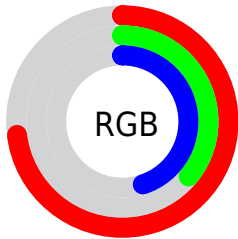
Format	Color
R _Y B	186, 92, 114
Decimal	12213362
CIE Lab	51.00, 40.15, 5.39
CIE LCh	51, 40.515, 7.646
Yxy	19.2686, 0.4195, 0.2987
Android (android.graphics.Color)	4290403442 (0xFFBA5C72)
YUV	122.6140, -4.2467, 55.5895
Hunter-Lab	43.8960, 33.2402, 6.1743

Details

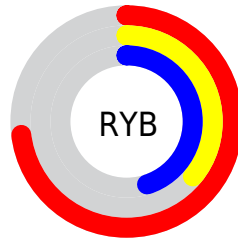
The CIELCh color **51, 40.515, 7.646** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **69, 33.389, 175.489**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 40.492, 7.663**, and **31, 40.238, 7.821** is the 20% darker color. If you saturate the color by 10%, you get **47, 48.462, 10.104**, and if you desaturate by 10%, it is **55, 32.237, 5.687**.

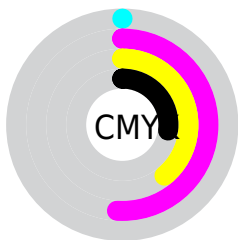
Distribution



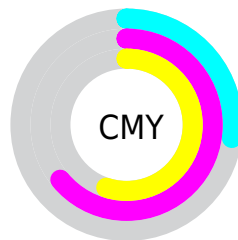
- Red (73%)
- Green (36%)
- Blue (45%)



- Red (73%)
- Yellow (36%)
- Blue (45%)



- Cyan (0%)
- Magenta (51%)
- Yellow (39%)
- Black (27%)




- Cyan (27%)
- Magenta (64%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 40.515, 7.646 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 51, 40.515, 7.646 by changing the saturation by 10% instead.

 51, 40.515, 7.646  51, 40.515, 7.646

 100, 40.515, 7.646  41, 40.515, 7.646

 71, 40.515, 7.646  31, 40.515, 7.646

 81, 40.515, 7.646  21, 40.515, 7.646

 91, 40.515, 7.646  11, 40.515, 7.646

 1, 40.515, 7.646

 0, 40.515, 7.646

 51, 40.515, 7.646  51, 40.515, 7.646

 47, 48.462, 10.104  55, 32.237, 5.687

 44, 55.750, 13.209  60, 23.923, 4.093

41, 62.082, 17.111

65, 15.776, 2.769

40, 67.354, 21.874

70, 7.920, 1.632

39, 71.720, 26.812

75, 0.415, 359.602

80, 6.716, 179.984

86, 13.480,
179.218

91, 19.897,
178.556

95, 23.988,
181.692

Harmonies

Complementary

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



51, 40.515, 7.646



69, 33.389, 175.489

Rectangle

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



51, 40.515, 7.646



51, 40.515, 57.646



51, 40.515, 187.646



51, 40.515, 237.646

Sweetspot

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



51, 40.512, 7.648



86, 14.102, 2.147



51, 58.441, 319.376



45, 9.747, 2.390



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



51, 40.512, 7.648



60, 60.469, 10.510



56, 35.250, 44.329



36, 4.193, 1.499



32, 62.484, 25.965



2, 10.997, 5.474

Inverse Universe

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



51, 40.512, 7.648



60, 60.469, 10.510



63, 24.596, 230.471



36, 4.193, 1.499



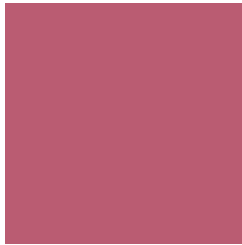
32, 62.484, 25.965



2, 10.997, 5.474

Previews

White Background



This preview shows how the CIELCh color 51, 40.515, 7.646 looks on a white background.

Color Contrast Check

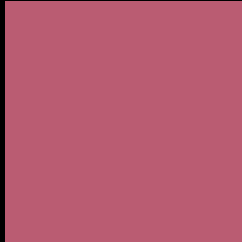
Large Text (above 18pt) WCAG AA ✓ Pass

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 51, 40.515, 7.646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

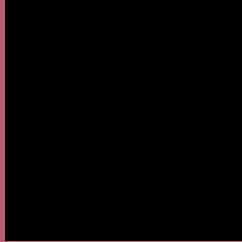
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 40.515, 7.646

Background



This preview shows how black text looks on a background with the CIELCh color 51, 40.515, 7.646.

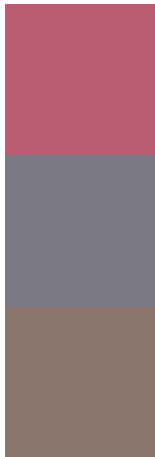


This preview shows how white text looks on a background with the CIELCh color 51, 40.515, 7.646.

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

51, 40.515, 7.646

Protanopia

51, 5.850, 294.732

Deuteranopia

51, 9.684, 48.658



Tritanopia
51, 39.529, 19.259

Trichromacy



Original Color
51, 40.515, 7.646

Protanomaly
50, 16.629, 349.938

Deuteranomaly
51, 19.616, 18.462

Tritanomaly
51, 39.637, 14.521

Monochromacy



Original Color
51, 40.515, 7.646

Achromatopsia
51, 0.007, 296.813

Achromatomaly
50, 14.774, 2.981

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 40.515, 7.646 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(186, 92, 114)` looks like.

```
.text, #text, p{  
    color:rgb(186, 92, 114)  
}
```

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(186, 92, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 92, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 40.515, 7.646 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(186, 92, 114) }
```

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

```
.border{ border-color:rgb(186, 92, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 92, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 92, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 92, 114);  
box-shadow:4px 4px 4px 4px rgb(186, 92,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 40.515, 7.646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 92, 114) }
```

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

```
.background{ background-color: rgb(186, 92,  
114) }
```

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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