

Converting Colors

CIELCh(56, 39.087, 2.481)

Have a look what the booklet for
CIELCh(56, 39.087, 2.481) contains.

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Color

CIELCh(56, 39.186, 2.125)

Conversions

Conversions Part 1

Format	Color
Hex	C56A85
RGB	197, 106, 133
RGB Percent	77%, 42%, 52%
CMY	0.2270, 0.5839, 0.4780
CMYK	0.00, 0.46, 0.32, 0.23
HSL	342°, 44%, 59%
HSV	342°, 46%, 77%
XYZ	32.4627, 23.9124, 25.1330
YIQ	136.2870, 45.5690, 27.6890

Conversions

Conversions Part 2

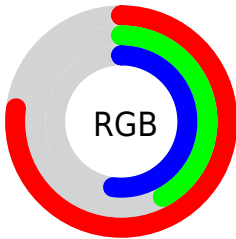
Format	Color
R_{YB}	197, 106, 133
Decimal	12937861
CIE _{Lab}	56.00, 39.16, 1.45
CIE _{LCh}	56, 39.186, 2.125
Yxy	23.9124, 0.3983, 0.2934
Android (android.graphics.Color)	4291127941 (0xFFC56A85)
YUV	136.2870, -1.6205, 53.2453
Hunter-Lab	48.9003, 32.9224, 3.7574

Details

The CIELCh color **56, 39.186, 2.125** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **74, 34.069, 171.324**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 39.024, 1.842**, and **36, 39.057, 1.612** is the 20% darker color. If you saturate the color by 10%, you get **52, 47.530, 4.251**, and if you desaturate by 10%, it is **61, 30.502, 0.405**.

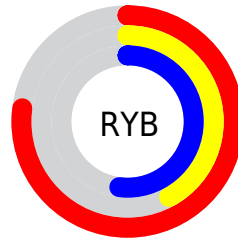
Distribution



Red (77%)

Green (42%)

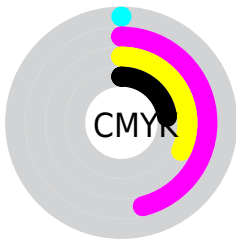
Blue (52%)



Red (77%)

Yellow (42%)

Blue (52%)

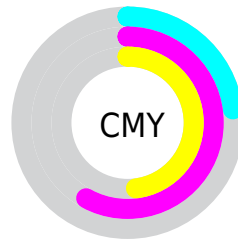


Cyan (0%)

Magenta (46%)

Yellow (32%)

Black (23%)



Cyan (23%)

Magenta (58%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 39.186, 2.125 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 56, 39.186, 2.125 by changing the saturation by 10% instead.

 56, 39.186, 2.125  56, 39.186, 2.125

 100, 39.186, 2.125  46, 39.186, 2.125

 76, 39.186, 2.125  36, 39.186, 2.125

 86, 39.186, 2.125  26, 39.186, 2.125

 96, 39.186, 2.125  16, 39.186, 2.125

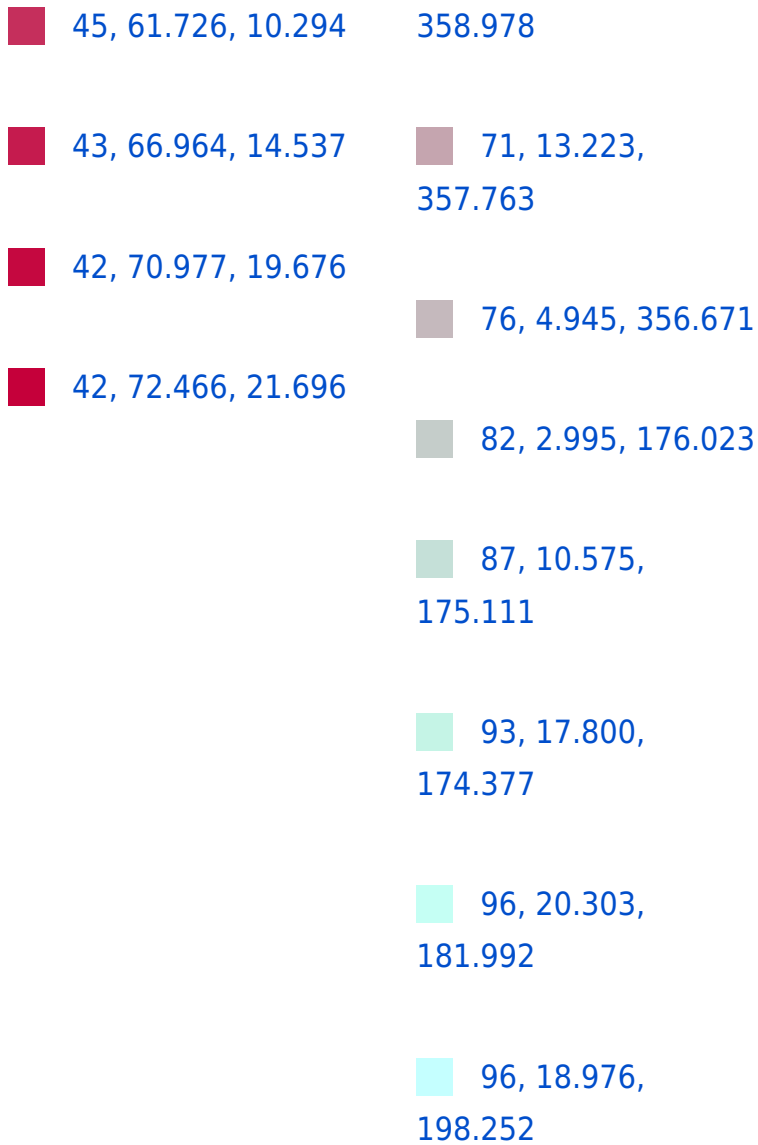
 6, 39.186, 2.125

 0, 39.186, 2.125

 56, 39.186, 2.125  56, 39.186, 2.125

 52, 47.530, 4.251  61, 30.502, 0.405

 48, 55.171, 6.917  66, 21.782,



Harmonies

Complementary

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



56, 39.186, 2.125



74, 34.069, 171.324

Rectangle

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



56, 39.186, 2.125



56, 39.186, 52.125



56, 39.186, 182.125



56, 39.186, 232.125

Sweetspot

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



56, 39.183, 2.127



91, 14.057, 357.545



55, 55.756, 317.671



47, 9.746, 357.790



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



56, 39.183, 2.127



66, 57.375, 4.173



59, 34.113, 39.659



39, 4.609, 357.021



34, 62.701, 20.829



4, 16.505, 4.401

Inverse Universe

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



56, 39.183, 2.127



66, 57.375, 4.173



69, 24.239, 222.395



39, 4.609, 357.021



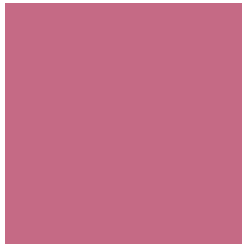
34, 62.701, 20.829



4, 16.505, 4.401

Previews

White Background



This preview shows how the CIELCh color 56, 39.186, 2.125 looks on a white background.

Color Contrast Check

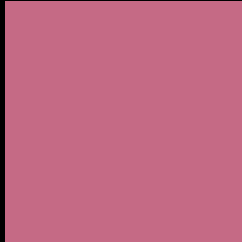
Large Text (above 18pt) WCAG AA ✓ Pass

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 56, 39.186, 2.125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

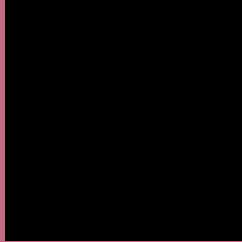
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 39.186, 2.125

Background



This preview shows how black text looks on a background with the CIELCh color 56, 39.186, 2.125.



This preview shows how white text looks on a background with the CIELCh color 56, 39.186, 2.125.

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

56, 39.186, 2.125

Protanopia

56, 9.158, 288.924

Deuteranopia

56, 8.153, 24.199



Tritanopia
56, 36.921, 17.192

Trichromacy



Original Color
56, 39.186, 2.125

Protanomaly
56, 16.965, 339.007

Deuteranomaly
56, 19.449, 6.508

Tritanomaly
56, 37.228, 11.331

Monochromacy



Original Color
56, 39.186, 2.125

Achromatopsia
57, 0.007, 296.813

Achromatomaly
56, 14.421, 357.825

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 39.186, 2.125 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(197, 106, 133)` looks like.

```
.text, #text, p{  
    color:rgb(197, 106, 133)  
}
```

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(197, 106, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 106, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 39.186, 2.125 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(197, 106, 133) }
```

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

```
.border{ border-color:rgb(197, 106, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 106, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 106, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 106, 133);  
box-shadow:4px 4px 4px 4px rgb(197, 106,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 39.186, 2.125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 106, 133) }
```

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

```
.background{ background-color: rgb(197,  
106, 133) }
```

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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