

Converting Colors

CIELCh(56, 37.843, 9.077)

Have a look what the booklet for
CIELCh(56, 37.843, 9.077) contains.

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Color

CIELCh(56, 38.132, 9.247)

Conversions

Conversions Part 1

Format	Color
Hex	C56B7D
RGB	197, 107, 125
RGB Percent	77%, 42%, 49%
CMY	0.2269, 0.5799, 0.5093
CMYK	0.00, 0.46, 0.37, 0.23
HSL	348°, 44%, 60%
HSV	348°, 46%, 77%
XYZ	32.0403, 23.9124, 22.3682
YIQ	135.9620, 47.8620, 24.6780

Conversions

Conversions Part 2

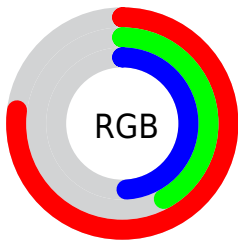
Format	Color
R_{YB}	197, 107, 125
Decimal	12938109
CIE _{Lab}	56.00, 37.64, 6.13
CIE _{LCh}	56, 38.132, 9.247
Yxy	23.9124, 0.4091, 0.3053
Android (android.graphics.Color)	4291128189 (0xFFC56B7D)
YUV	135.9620, -5.4043, 53.5303
Hunter-Lab	48.9003, 31.3804, 7.1095

Details

The CIELCh color **56, 38.132, 9.247** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **74, 31.338, 178.808**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 37.822, 9.390**, and **36, 38.143, 9.280** is the 20% darker color. If you saturate the color by 10%, you get **52, 46.801, 11.504**, and if you desaturate by 10%, it is **61, 29.341, 7.446**.

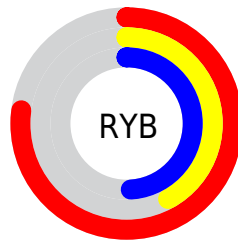
Distribution



Red (77%)

Green (42%)

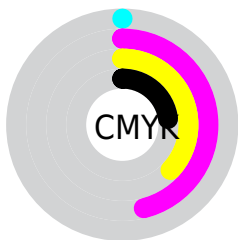
Blue (49%)



Red (77%)

Yellow (42%)

Blue (49%)

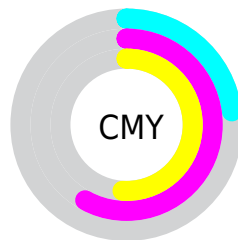


Cyan (0%)

Magenta (46%)

Yellow (37%)

Black (23%)



Cyan (23%)

Magenta (58%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 38.132, 9.247 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, 38.132, 9.247 by changing the saturation by 10% instead.

 56, 38.132, 9.247  56, 38.132, 9.247

 100, 38.132, 9.247  46, 38.132, 9.247

 76, 38.132, 9.247  36, 38.132, 9.247

 86, 38.132, 9.247  26, 38.132, 9.247


 96, 38.132, 9.247  16, 38.132, 9.247

 6, 38.132, 9.247

 0, 38.132, 9.247

 56, 38.132, 9.247  56, 38.132, 9.247

 52, 46.801, 11.504  61, 29.341, 7.446

 48, 55.032, 14.355  66, 20.685, 5.977

■ 45, 62.490, 17.952

■ 71, 12.322, 4.751

■ 43, 68.959, 22.384

■ 76, 4.339, 3.655

■ 42, 74.447, 27.535

■ 82, 3.232, 183.053

■ 41, 76.746, 29.726

■ 88, 10.391,
182.184

■ 93, 17.158,
181.495

■ 96, 19.251,
192.537

■ 96, 18.972,
198.252

Harmonies

Complementary

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



56, 38.132, 9.247



74, 31.338, 178.808

Rectangle

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



56, 38.132, 9.247



56, 38.132, 59.247



56, 38.132, 189.247



56, 38.132, 239.247

Sweetspot

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



56, 38.129, 9.250



91, 13.528, 4.589



56, 56.022, 320.766



47, 9.391, 4.836



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, 38.129, 9.250



66, 56.997, 11.551



62, 32.118, 49.181



39, 4.423, 4.064



34, 66.235, 28.900



3, 16.181, 9.161

Inverse Universe

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



56, 38.129, 9.250



66, 56.997, 11.551



66, 23.950, 237.099



39, 4.423, 4.064



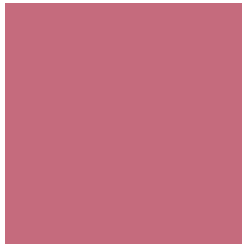
34, 66.235, 28.900



3, 16.181, 9.161

Previews

White Background



This preview shows how the CIELCh color 56, 38.132, 9.247 looks on a white background.

Color Contrast Check

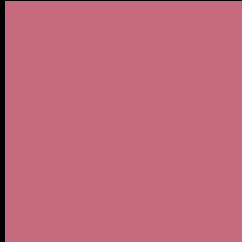
Large Text (above 18pt) WCAG AA ✓ Pass

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, 38.132, 9.247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

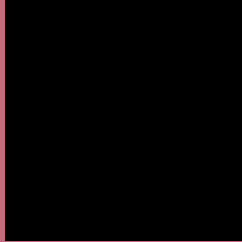
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 38.132, 9.247

Background



This preview shows how black text looks on a background with the CIELCh color 56, 38.132, 9.247.



This preview shows how white text looks on a background with the CIELCh color 56, 38.132, 9.247.

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, 38.132, 9.247

Protanopia

56, 3.465, 297.008

Deuteranopia

56, 10.908, 48.113



Tritanopia
56, 36.921, 17.192

Trichromacy



Original Color
56, 38.132, 9.247

Protanomaly
56, 15.012, 356.483

Deuteranomaly
56, 19.715, 21.599

Tritanomaly
56, 37.242, 13.925

Monochromacy



Original Color
56, 38.132, 9.247

Achromatopsia
57, 0.007, 296.813

Achromatomaly
56, 13.406, 6.188

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 38.132, 9.247 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, 107, 125)` looks like.

```
.text, #text, p{  
    color:rgb(197, 107, 125)  
}
```

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, 107, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 107, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 38.132, 9.247 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, 107, 125) }
```

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

```
.border{ border-color:rgb(197, 107, 125) }
```

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

Here you see how a box with a 4 pixel rgb(197, 107, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 107, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 107, 125);  
box-shadow:4px 4px 4px 4px rgb(197, 107,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 38.132, 9.247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 107, 125) }
```

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

```
.background{ background-color: rgb(197,  
107, 125) }
```

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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