

Converting Colors

CIELCh(57, 35.111, 10.041)

Have a look what the booklet for
CIELCh(57, 35.111, 10.041) contains.

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Color

CIELCh(57, 35.469, 9.415)

Conversions

Conversions Part 1

Format	Color
Hex	C47080
RGB	196, 112, 128
RGB Percent	77%, 44%, 50%
CMY	0.2309, 0.5604, 0.4976
CMYK	0.00, 0.43, 0.35, 0.23
HSL	349°, 42%, 60%
HSV	349°, 43%, 77%
XYZ	32.5024, 24.9227, 23.5540
YIQ	138.9400, 44.9280, 22.7840

Conversions

Conversions Part 2

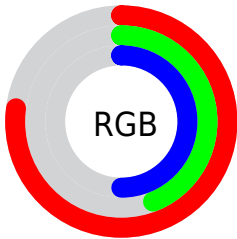
Format	Color
RYB	196, 112, 128
Decimal	12873856
CIELab	57.00, 34.99, 5.80
CIELCh	57, 35.469, 9.415
Yxy	24.9227, 0.4014, 0.3078
Android (android.graphics.Color)	4291063936 (0xFFC47080)
YUV	138.9400, -5.3934, 50.0416
Hunter-Lab	49.9226, 28.8489, 6.9722

Details

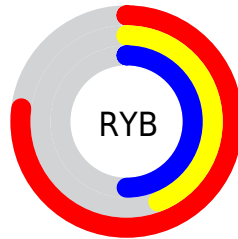
The CIELCh color **57, 35.469, 9.415** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **74, 29.366, 179.907**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 35.690, 9.148**, and **37, 35.427, 9.771** is the 20% darker color. If you saturate the color by 10%, you get **53, 44.199, 11.537**, and if you desaturate by 10%, it is **62, 26.717, 7.718**.

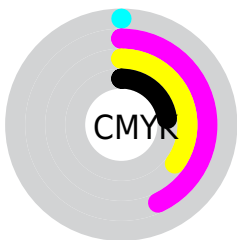
Distribution



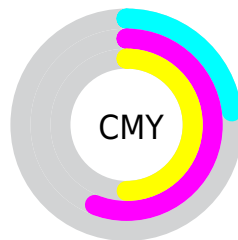
- Red (77%)
- Green (44%)
- Blue (50%)



- Red (77%)
- Yellow (44%)
- Blue (50%)



- Cyan (0%)
- Magenta (43%)
- Yellow (35%)
- Black (23%)



- Cyan (23%)
- Magenta (56%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 35.469, 9.415 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 57, 35.469, 9.415 by changing the saturation by 10% instead.

 57, 35.469, 9.415  57, 35.469, 9.415

 100, 35.469, 9.415  47, 35.469, 9.415

 77, 35.469, 9.415  37, 35.469, 9.415

 87, 35.469, 9.415  27, 35.469, 9.415

 97, 35.469, 9.415  17, 35.469, 9.415

 7, 35.469, 9.415

 0, 35.469, 9.415

 57, 35.469, 9.415  57, 35.469, 9.415

 53, 44.199, 11.537  62, 26.717, 7.718

 49, 52.613, 14.212  67, 18.169, 6.327

46, 60.374, 17.595

72, 9.955, 5.157

43, 67.221, 21.793

78, 2.143, 4.002

42, 73.083, 26.756

83, 5.250, 183.501

41, 76.918, 30.407

89, 12.231,
182.720

94, 18.826,
182.065

96, 19.280,
198.233

Harmonies

Complementary

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



57, 35.469, 9.415



74, 29.366, 179.907

Rectangle

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



57, 35.469, 9.415



57, 35.469, 59.415



57, 35.469, 189.415



57, 35.469, 239.415

Sweetspot

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



57, 35.466, 9.418



91, 12.491, 5.197



57, 52.447, 320.660



47, 8.792, 5.446



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



57, 35.466, 9.418



68, 52.764, 11.294



62, 29.679, 49.269



38, 4.315, 4.783



33, 65.832, 29.537



3, 14.263, 9.126

Inverse Universe

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



57, 35.466, 9.418



68, 52.764, 11.294



67, 22.611, 236.558



38, 4.315, 4.783



33, 65.832, 29.537



3, 14.263, 9.126

Previews

White Background



This preview shows how the CIELCh color 57, 35.469, 9.415 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 57, 35.469, 9.415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

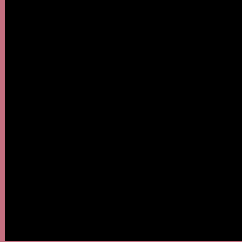
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 35.469, 9.415

Background



This preview shows how black text looks on a background with the CIELCh color 57, 35.469, 9.415.



This preview shows how white text looks on a background with the CIELCh color 57, 35.469, 9.415.

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

57, 35.469, 9.415

Protanopia

57, 2.886, 298.223

Deuteranopia

57, 10.327, 42.786



Tritanopia
57, 35.005, 15.558

Trichromacy



Original Color
57, 35.469, 9.415

Protanomaly
57, 13.424, 358.555

Deuteranomaly
57, 18.710, 19.741

Tritanomaly
57, 34.961, 13.725

Monochromacy



Original Color
57, 35.469, 9.415

Achromatopsia
58, 0.007, 296.813

Achromatomaly
57, 12.951, 5.628

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 35.469, 9.415 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(196, 112, 128)` looks like.

```
.text, #text, p{  
    color:rgb(196, 112, 128)  
}
```

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(196, 112, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 112, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 35.469, 9.415 is called "border". The border property can be set on classes, ids or directly on the HTML element.

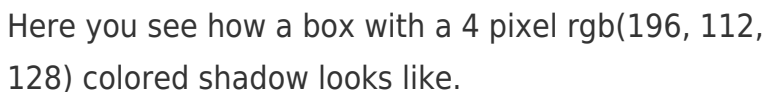
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 112, 128) }
```

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

```
.border{ border-color:rgb(196, 112, 128) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 112, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 112, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 112, 128); box-shadow:4px 4px 4px 4px rgb(196, 112, 128) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 35.469, 9.415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 112, 128) }
```

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

```
.background{ background-color: rgb(196,  
112, 128) }
```

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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