

Converting Colors

CIELCh(57, 35.286, 10.735)

Have a look what the booklet for
CIELCh(57, 35.286, 10.735) contains.

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Color

CIELCh(57, 35.439, 10.318)

Conversions

Conversions Part 1

Format	Color
Hex	C4707F
RGB	196, 112, 127
RGB Percent	77%, 44%, 50%
CMY	0.2306, 0.5601, 0.5013
CMYK	0.00, 0.43, 0.35, 0.23
HSL	349°, 42%, 60%
HSV	349°, 43%, 77%
XYZ	32.4675, 24.9227, 23.2344
YIQ	138.8260, 45.2490, 22.4730

Conversions

Conversions Part 2

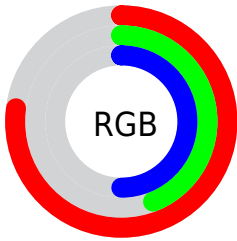
Format	Color
RYB	196, 112, 127
Decimal	12873855
CIELab	57.00, 34.87, 6.35
CIELCh	57, 35.439, 10.318
Yxy	24.9227, 0.4027, 0.3091
Android (android.graphics.Color)	4291063935 (0xFFC4707F)
YUV	138.8260, -5.8302, 50.1416
Hunter-Lab	49.9226, 28.7240, 7.3517

Details

The CIELCh color **57, 35.439, 10.318** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **74, 29.134, 180.902**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 35.647, 9.992**, and **37, 35.422, 10.753** is the 20% darker color. If you saturate the color by 10%, you get **53, 44.217, 12.446**, and if you desaturate by 10%, it is **62, 26.664, 8.619**.

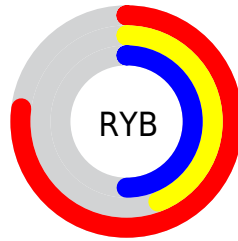
Distribution



Red (77%)

Green (44%)

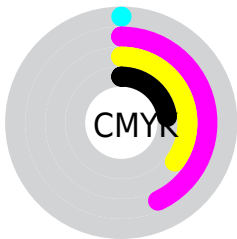
Blue (50%)



Red (77%)

Yellow (44%)

Blue (50%)

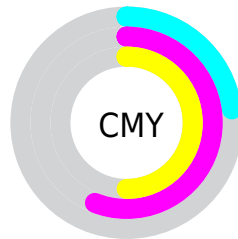


Cyan (0%)

Magenta (43%)

Yellow (35%)

Black (23%)



Cyan (23%)

Magenta (56%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 35.439, 10.318 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, 35.439, 10.318 by changing the saturation by 10% instead.

■ 57, 35.439, 10.318

■ 57, 35.439, 10.318

■ 100, 35.439,
10.318

■ 47, 35.439, 10.318

■ 77, 35.439, 10.318

■ 37, 35.439, 10.318

■ 87, 35.439, 10.318

■ 27, 35.439, 10.318

■ 97, 35.439, 10.318

■ 17, 35.439, 10.318

■ 7, 35.439, 10.318

■ 0, 35.439, 10.318

■ 57, 35.439, 10.318

■ 57, 35.439, 10.318

■ 53, 44.217, 12.446

■ 62, 26.664, 8.619

■ 49, 52.709, 15.132

■ 67, 18.113, 7.231

■ 45, 60.584, 18.526

■ 72, 9.912, 6.067

■ 43, 67.579, 22.728

■ 78, 2.124, 4.916

■ 42, 73.611, 27.664

■ 83, 5.235, 184.429

■ 41, 77.555, 31.263

■ 89, 12.176,
183.657

■ 94, 18.725,
183.012

■ 96, 19.258,
198.234

Harmonies

Complementary

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



57, 35.439, 10.318



74, 29.134, 180.902

Rectangle

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



57, 35.439, 10.318



57, 35.439, 60.318



57, 35.439, 190.318



57, 35.439, 240.318

Sweetspot

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



57, 35.436, 10.321



91, 12.446, 6.108



57, 52.607, 321.174



47, 8.762, 6.356



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, 35.436, 10.321



68, 52.776, 12.205



63, 29.533, 50.978



38, 4.298, 5.696



33, 66.345, 30.408



3, 14.233, 9.756

Inverse Universe

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



57, 35.436, 10.321



68, 52.776, 12.205



67, 22.725, 238.982



38, 4.298, 5.696



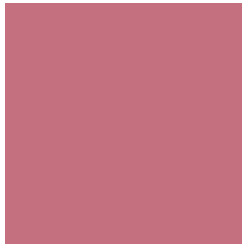
33, 66.345, 30.408



3, 14.233, 9.756

Previews

White Background



This preview shows how the CIELCh color 57, 35.439, 10.318 looks on a white background.

Color Contrast Check

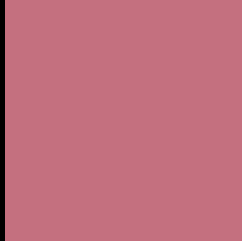
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 57, 35.439, 10.318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

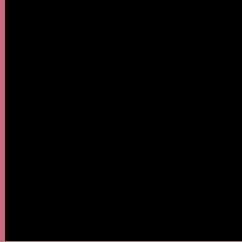
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 35.439, 10.318

Background



This preview shows how black text looks on a background with the CIELCh color 57, 35.439, 10.318.



This preview shows how white text looks on a background with the CIELCh color 57, 35.439, 10.318.

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, 35.439, 10.318

Protanopia

57, 2.423, 309.150

Deuteranopia

57, 10.587, 45.525



Tritanopia
57, 35.041, 16.472

Trichromacy



Original Color
57, 35.439, 10.318

Protanomaly
57, 13.634, 1.506

Deuteranomaly
57, 18.762, 21.453

Tritanomaly
57, 34.978, 14.642

Monochromacy



Original Color
57, 35.439, 10.318

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, 35.439, 10.318 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, 127)` looks like.

```
.text, #text, p{  
    color:rgb(196, 112, 127)  
}
```

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, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 112, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 35.439, 10.318 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, 127) }
```

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

```
.border{ border-color:rgb(196, 112, 127) }
```

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, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 112, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 112, 127);  
box-shadow:4px 4px 4px 4px rgb(196, 112,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 35.439, 10.318 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, 127) }
```

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

```
.background{ background-color: rgb(196,  
112, 127) }
```

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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