

Converting Colors

CIELCh(72, 10.080, 355.438)

Have a look what the booklet for
CIELCh(72, 10.080, 355.438)
contains.

CIELCh(72, 10.096, 354.827)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(72, 10.096, 354.827)

Conversions

Conversions Part 1

Format	Color
Hex	C2AAB2
RGB	194, 170, 178
RGB Percent	76%, 67%, 70%
CMY	0.2376, 0.3317, 0.3003
CMYK	0.00, 0.12, 0.08, 0.24
HSL	340°, 17%, 72%
HSV	340°, 12%, 76%
XYZ	44.8849, 43.6590, 48.3980
YIQ	178.0880, 11.7360, 7.5760

Conversions

Conversions Part 2

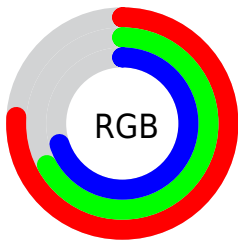
Format	Color
RYB	194, 170, 178
Decimal	12757682
CIELab	72.00, 10.05, -0.91
CIELCh	72, 10.096, 354.827
Yxy	43.6590, 0.3278, 0.3188
Android (android.graphics.Color)	4290947762 (0xFFC2AAB2)
YUV	178.0880, -0.0434, 13.9548
Hunter-Lab	66.0750, 5.6242, 2.8243

Details

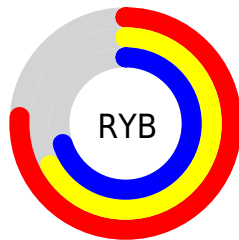
The CIELCh color $72, 10.096, 354.827$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $77, 9.784, 172.609$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 10.457, 353.776$, and $52, 9.806, 356.175$ is the 20% darker color. If you saturate the color by 10%, you get $67, 18.578, 355.962$, and if you desaturate by 10%, it is $77, 1.886, 353.670$.

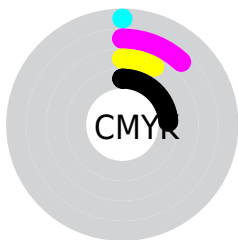
Distribution



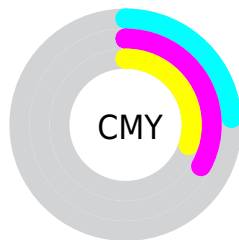
- Red (76%)
- Green (67%)
- Blue (70%)



- Red (76%)
- Yellow (67%)
- Blue (70%)



- Cyan (0%)
- Magenta (12%)
- Yellow (8%)
- Black (24%)





- Cyan (24%)
- Magenta (33%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 10.096, 354.827 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 72, 10.096, 354.827 by changing the saturation by 10% instead.


 72, 10.096,
354.827


 72, 10.096,
354.827


 100, 10.096,
354.827


 62, 10.096,
354.827


 92, 10.096,
354.827

 52, 10.096,
354.827

 42, 10.096,
354.827

 32, 10.096,
354.827

 22, 10.096,
354.827

 12, 10.096,
354.827

 2, 10.096, 354.827

0, 10.096, 354.827

72, 10.096,
354.827

72, 10.096,
354.827

67, 18.578,
355.962

77, 1.886, 353.670

83, 5.997, 173.134

62, 27.237,
357.262

88, 13.539,
172.327

57, 35.895,
358.805

94, 20.747,
171.626

53, 44.284, 0.679

96, 21.255,
181.521

49, 52.043, 3.005

46, 58.772, 5.940

96, 19.788,
198.201

43, 64.142, 9.659

■ 42, 68.079, 14.292

■ 41, 70.539, 18.275

Harmonies

Complementary

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



72, 10.096, 354.827



77, 9.784, 172.609

Rectangle

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



72, 10.096, 354.827



72, 10.096, 44.827



72, 10.096, 174.827



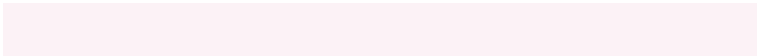
72, 10.096, 224.827

Sweetspot

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



72, 10.094, 354.833



96, 3.982, 353.930



72, 14.395, 315.171



51, 2.857, 354.023



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 10.094, 354.833



89, 15.237, 355.146



73, 8.010, 35.597



38, 4.597, 354.517



34, 61.021, 17.400



3, 14.752, 1.784

Inverse Universe

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



72, 10.094, 354.833



89, 15.237, 355.146



76, 7.399, 215.933



38, 4.597, 354.517



34, 61.021, 17.400



3, 14.752, 1.784

Previews

White Background



This preview shows how the CIELCh color 72, 10.096, 354.827 looks on a white background.

Color Contrast Check

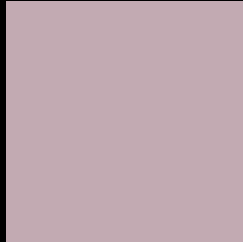
Large Text (above 18pt) WCAG AA × Fail

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 72, 10.096, 354.827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

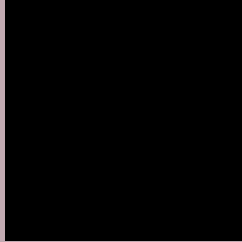
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 10.096, 354.827

Background



This preview shows how black text looks on a background with the CIELCh color 72, 10.096, 354.827.



This preview shows how white text looks on a background with the CIELCh color 72, 10.096, 354.827.

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

72, 10.096, 354.827

Protanopia

72, 2.837, 305.607

Deuteranopia

72, 9.175, 355.748



Tritanopia
72, 11.774, 343.618

Trichromacy



Original Color
72, 10.096, 354.827

Protanomaly
72, 4.994, 338.963

Deuteranomaly
72, 9.525, 356.749

Tritanomaly
72, 11.180, 348.123

Monochromacy



Original Color
72, 10.096, 354.827

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 3.767, 354.017

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 10.096, 354.827 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(194, 170, 178)` looks like.

```
.text, #text, p{  
    color:rgb(194, 170, 178)  
}
```

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(194, 170, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 170, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 10.096, 354.827 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(194, 170, 178) }
```

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

```
.border{ border-color:rgb(194, 170, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 170, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 170, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 170, 178);  
box-shadow:4px 4px 4px 4px rgb(194, 170,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 10.096, 354.827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 170, 178) }
```

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

```
.background{ background-color: rgb(194,  
170, 178) }
```

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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