

Converting Colors

CIELCh(79, 1.177, 353.389)

Have a look what the booklet for
CIELCh(79, 1.177, 353.389) contains.

CIELCh(79, 1.235, 353.455)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	19
<i>Color Blindness Simulation</i>	22
<i>CSS Examples</i>	25

Color

CIELCh(79, 1.235, 353.455)

Conversions

Conversions Part 1

Format	Color
Hex	C6C3C4
RGB	198, 195, 196
RGB Percent	78%, 76%, 77%
CMY	0.2241, 0.2359, 0.2319
CMYK	0.00, 0.02, 0.01, 0.22
HSL	340°, 3%, 77%
HSV	340°, 2%, 78%
XYZ	52.6785, 54.9284, 59.9620
YIQ	196.0110, 1.4670, 0.9470

Conversions

Conversions Part 2

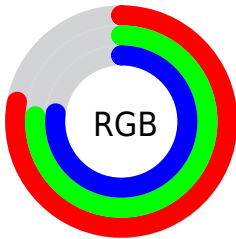
Format	Color
R _Y B	198, 195, 196
Decimal	13026244
CIE Lab	79.00, 1.23, -0.14
CIE LCh	79, 1.235, 353.455
Yxy	54.9284, 0.3144, 0.3278
Android (android.graphics.Color)	4291216324 (0xFFC6C3C4)
YUV	196.0110, -0.0054, 1.7444
Hunter-Lab	74.1137, -2.8248, 3.9107

Details

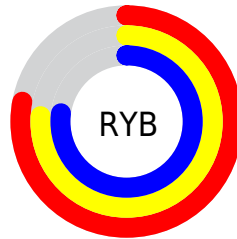
The CIELCh color **79, 1.235, 353.455** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80, 1.218, 173.985**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 1.178, 353.325**, and **59, 1.310, 353.597** is the 20% darker color. If you saturate the color by 10%, you get **74, 9.530, 354.787**, and if you desaturate by 10%, it is **84, 6.731, 173.100**.

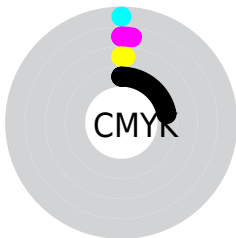
Distribution



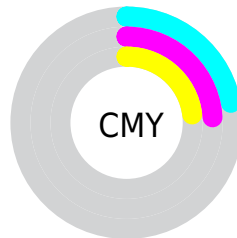
- Red (78%)
- Green (76%)
- Blue (77%)



- Red (78%)
- Yellow (76%)
- Blue (77%)



- Cyan (0%)
- Magenta (2%)
- Yellow (1%)
- Black (22%)



- Cyan (22%)
- Magenta (24%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 1.235, 353.455 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 79, 1.235, 353.455 by changing the saturation by 10% instead.

■ 79, 1.235, 353.455

■ 79, 1.235, 353.455

■ 100, 1.235,
353.455

■ 69, 1.235, 353.455

■ 99, 1.235, 353.455

■ 59, 1.235, 353.455

■ 49, 1.235, 353.455

■ 39, 1.235, 353.455

■ 29, 1.235, 353.455

■ 19, 1.235, 353.455

■ 9, 1.235, 353.455

■ 0, 1.235, 353.455

■ 79, 1.235, 353.455

■ 79, 1.235, 353.455

74, 9.530, 354.787

84, 6.731, 173.100

68, 18.114,
355.907

90, 14.349,
172.306

63, 26.887,
357.193

96, 21.628,
171.610

58, 35.676,
358.716

96, 19.338,
188.511

54, 44.219, 0.564

96, 18.754,
198.266

50, 52.155, 2.856

47, 59.076, 5.745

44, 64.637, 9.406

43, 68.739, 13.980

Harmonies

Complementary

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



79, 1.235, 353.455



80, 1.218, 173.985

Rectangle

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



79, 1.235, 353.455



79, 1.235, 43.455



79, 1.235, 173.455



79, 1.235, 223.455

Sweetspot

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



79, 1.233, 353.504

100, 0.012, 296.813



79, 1.775, 314.636



53, 0.007, 296.813



0, 0.000, 0.000

Same Dimension

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



79, 1.233, 353.504



99, 2.001, 353.645



79, 0.952, 35.105



42, 0.928, 353.609



34, 61.766, 17.536



4, 16.664, 2.566

Inverse Universe

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



79, 1.233, 353.504



99, 2.001, 353.645



79, 0.946, 216.271



42, 0.928, 353.609



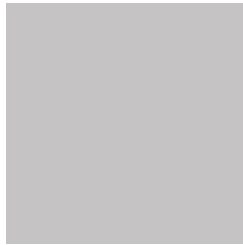
34, 61.766, 17.536



4, 16.664, 2.566

Previews

White Background



This preview shows how the CIE LCh color 79, 1.235, 353.455 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 CIE LCh color 79, 1.235, 353.455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

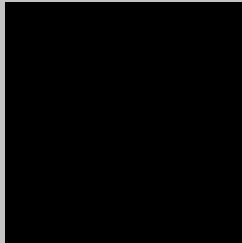
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

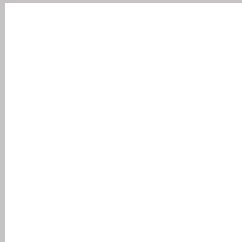
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 1.235, 353.455

Background



This preview shows how black text looks on a background with the CIELCh color 79, 1.235, 353.455.

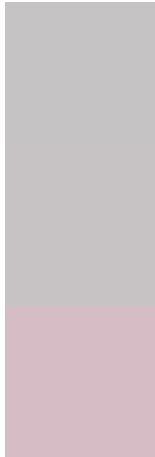


This preview shows how white text looks on a background with the CIELCh color 79, 1.235, 353.455.

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

79, 1.235, 353.455

Protanopia

79, 1.575, 359.388

Deuteranopia

79, 10.243, 355.663



Tritanopia
79, 8.442, 308.212

Trichromacy



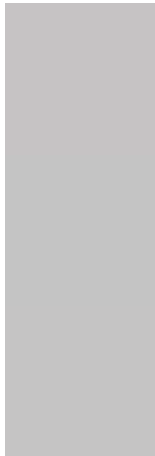
Original Color
79, 1.235, 353.455

Protanomaly
79, 1.575, 359.388

Deuteranomaly
79, 7.082, 353.088

Tritanomaly
79, 5.670, 309.261

Monochromacy



Original Color
79, 1.235, 353.455

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 0.368, 17.958

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 1.235, 353.455 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(198, 195, 196)` looks like.

```
.text, #text, p{  
    color:rgb(198, 195, 196)  
}
```

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(198, 195, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 195, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 1.235, 353.455 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(198, 195, 196) }
```

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

```
.border{ border-color:rgb(198, 195, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 195, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 195, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 195, 196);  
box-shadow:4px 4px 4px 4px rgb(198, 195,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 1.235, 353.455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 195, 196) }
```

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

```
.background{ background-color: rgb(198,  
195, 196) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor