

Converting Colors

CIELCh(79, 5.623, 51.672)

Have a look what the booklet for
CIELCh(79, 5.623, 51.672) contains.

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Color

CIELCh(79, 5.553, 48.236)

Conversions

Conversions Part 1

Format	Color
Hex	CEC1BC
RGB	206, 193, 188
RGB Percent	81%, 76%, 74%
CMY	0.1919, 0.2429, 0.2625
CMYK	0.00, 0.06, 0.09, 0.19
HSL	17°, 16%, 77%
HSV	17°, 9%, 81%
XYZ	53.6353, 54.9284, 55.3842
YIQ	196.3170, 9.3530, 1.2010

Conversions

Conversions Part 2

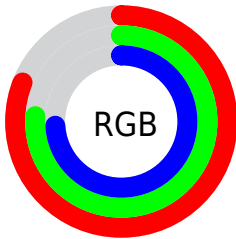
Format	Color
RYB	206, 195, 188
Decimal	13550012
CIELab	79.00, 3.70, 4.14
CIELCh	79, 5.553, 48.236
Yxy	54.9284, 0.3271, 0.3350
Android (android.graphics.Color)	4291740092 (0xFFCEC1BC)
YUV	196.3170, -4.1003, 8.4920
Hunter-Lab	74.1137, -0.5204, 7.5729

Details

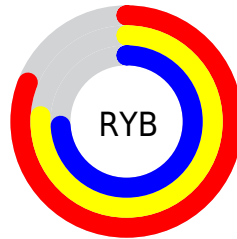
The CIELCh color $79, 5.553, 48.236$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $80, 5.290, 229.500$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 3.295, 69.696$, and $59, 5.575, 50.079$ is the 20% darker color. If you saturate the color by 10%, you get $75, 12.381, 47.817$, and if you desaturate by 10%, it is $83, 0.779, 229.591$.

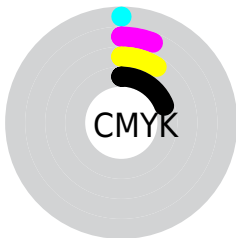
Distribution



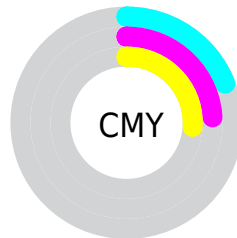
- Red (81%)
- Green (76%)
- Blue (74%)



- Red (81%)
- Yellow (76%)
- Blue (74%)



- Cyan (0%)
- Magenta (6%)
- Yellow (9%)
- Black (19%)



- Cyan (19%)
- Magenta (24%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 5.553, 48.236 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, 5.553, 48.236 by changing the saturation by 10% instead.

 79, 5.553, 48.236

 79, 5.553, 48.236

 100, 5.553, 48.236

 69, 5.553, 48.236

 99, 5.553, 48.236

 59, 5.553, 48.236

 49, 5.553, 48.236

 39, 5.553, 48.236

 29, 5.553, 48.236

 19, 5.553, 48.236

 9, 5.553, 48.236

 0, 5.553, 48.236

 79, 5.553, 48.236

 79, 5.553, 48.236

75, 12.381, 47.817

83, 0.779, 229.591

71, 19.758, 47.421

88, 6.664, 229.593

66, 27.719, 47.125

92, 12.156,
230.185

63, 36.280, 46.959

96, 15.440,
203.130

59, 45.405, 46.935

55, 54.962, 47.035

97, 16.233,
198.427

52, 64.618, 47.156

50, 73.612, 47.013

47, 80.795, 46.228

Harmonies

Complementary

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



79, 5.553, 48.236



80, 5.290, 229.500

Rectangle

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



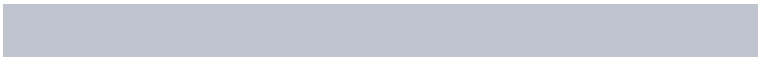
79, 5.553, 48.236



79, 5.553, 98.236



79, 5.553, 228.236



79, 5.553, 278.236

Sweetspot

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



79, 5.553, 48.261



98, 2.216, 48.388



78, 9.709, 333.513



52, 1.686, 48.402



0, 0.000, 0.000



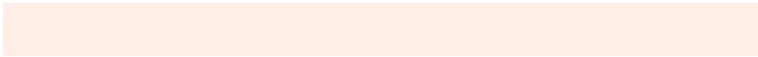
53, 0.007, 296.813

Same Dimension

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



79, 5.553, 48.261



95, 7.597, 48.201



81, 7.454, 97.292



41, 3.585, 48.233



38, 69.075, 46.672



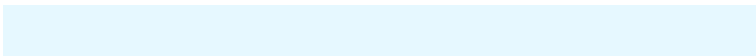
6, 15.423, 35.690

Inverse Universe

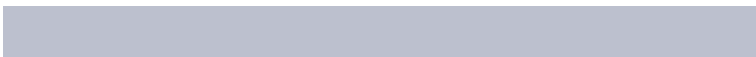
The Inverse Universe completely reimagines the original color for something new.



80, 5.290, 229.500



96, 7.177, 229.589



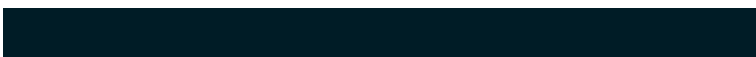
78, 7.519, 279.412



41, 3.402, 229.541



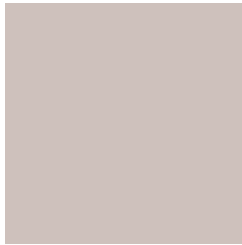
47, 34.219, 251.459



9, 11.928, 240.127

Previews

White Background



This preview shows how the CIELCh color 79, 5.553, 48.236 looks on a white background.

Color Contrast Check

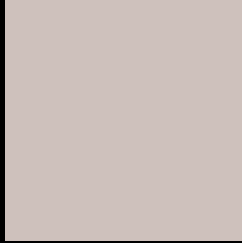
Large Text (above 18pt) WCAG AA × Fail

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 79, 5.553, 48.236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

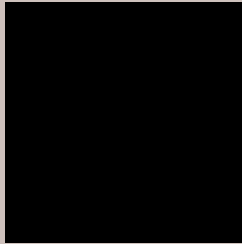
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

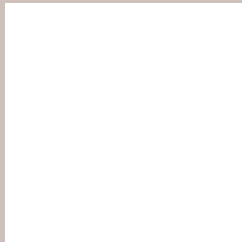
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 5.553, 48.236

Background



This preview shows how black text looks on a background with the CIELCh color 79, 5.553, 48.236.



This preview shows how white text looks on a background with the CIELCh color 79, 5.553, 48.236.

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, 5.553, 48.236

Protanopia

79, 3.882, 74.605

Deuteranopia

79, 10.599, 20.210



Tritanopia
79, 10.406, 329.883

Trichromacy



Original Color
79, 5.553, 48.236

Protanomaly
79, 4.276, 57.934

Deuteranomaly
79, 8.696, 23.531

Tritanomaly
79, 7.310, 344.234

Monochromacy



Original Color
79, 5.553, 48.236

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 2.123, 49.341

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 5.553, 48.236 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(206, 193, 188)` looks like.

```
.text, #text, p{  
    color:rgb(206, 193, 188)  
}
```

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(206, 193, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 193, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 5.553, 48.236 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(206, 193, 188) }
```

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

```
.border{ border-color:rgb(206, 193, 188) }
```

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

Here you see how a box with a 4 pixel rgb(206, 193, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 193, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 193, 188);  
box-shadow:4px 4px 4px 4px rgb(206, 193,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 5.553, 48.236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 193, 188) }
```

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

```
.background{ background-color: rgb(206,  
193, 188) }
```

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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