

Converting Colors

CIELCh(78, 4.881, 19.676)

Have a look what the booklet for
CIELCh(78, 4.881, 19.676) contains.

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Color

CIELCh(78, 4.856, 19.684)

Conversions

Conversions Part 1

Format	Color
Hex	CBBEBE
RGB	203, 190, 190
RGB Percent	80%, 75%, 75%
CMY	0.2041, 0.2551, 0.2551
CMYK	0.00, 0.06, 0.06, 0.20
HSL	0°, 11%, 77%
HSV	0°, 6%, 80%
XYZ	52.3080, 53.2120, 56.2023
YIQ	193.8870, 7.7480, 2.7560

Conversions

Conversions Part 2

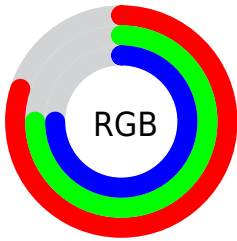
Format	Color
R _Y B	203, 190, 190
Decimal	13352638
CIE Lab	78.00, 4.57, 1.64
CIE LCh	78, 4.856, 19.684
Yxy	53.2120, 0.3234, 0.3290
Android (android.graphics.Color)	4291542718 (0xFFCBBEBE)
YUV	193.8870, -1.9163, 7.9921
Hunter-Lab	72.9466, 0.3411, 5.3821

Details

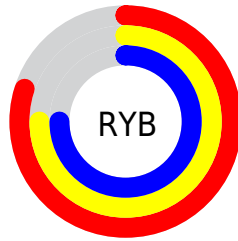
The CIELCh color $78, 4.856, 19.684$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $81, 4.664, 199.197$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $98, 3.185, 19.412$, and $58, 4.774, 19.804$ is the 20% darker color. If you saturate the color by 10%, you get $72, 12.932, 20.521$, and if you desaturate by 10%, it is $84, 2.618, 199.455$.

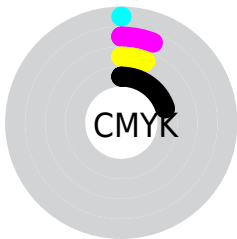
Distribution



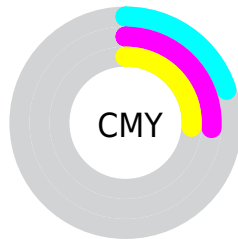
- Red (80%)
- Green (75%)
- Blue (75%)



- Red (80%)
- Yellow (75%)
- Blue (75%)



- Cyan (0%)
- Magenta (6%)
- Yellow (6%)
- Black (20%)



- Cyan (20%)
- Magenta (26%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 4.856, 19.684 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 78, 4.856, 19.684 by changing the saturation by 10% instead.

 78, 4.856, 19.684

 78, 4.856, 19.684

 100, 4.856, 19.684

 68, 4.856, 19.684

 98, 4.856, 19.684

 58, 4.856, 19.684

 48, 4.856, 19.684

 38, 4.856, 19.684

 28, 4.856, 19.684

 18, 4.856, 19.684

 8, 4.856, 19.684

 0, 4.856, 19.684

 78, 4.856, 19.684

 78, 4.856, 19.684

72, 12.932, 20.521

84, 2.618, 199.455

67, 21.636, 21.502

90, 9.529, 198.844

62, 30.939, 22.767

95, 15.935,
198.458

57, 40.749, 24.417

97, 17.195,
198.365

52, 50.880, 26.563

49, 61.046, 29.298

46, 70.850, 32.608

44, 79.643, 36.172

43, 86.053, 39.067

Harmonies

Complementary

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



78, 4.856, 19.684



81, 4.664, 199.197

Rectangle

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



78, 4.856, 19.684



78, 4.856, 69.684



78, 4.856, 199.684



78, 4.856, 249.684

Sweetspot

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



78, 4.855, 19.706



99, 1.794, 19.181



78, 8.462, 324.760



53, 1.020, 19.155



0, 0.000, 0.000



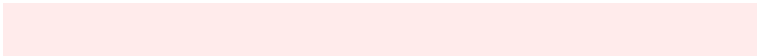
53, 0.007, 296.813

Same Dimension

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



78, 4.855, 19.706



94, 7.347, 19.844



80, 4.203, 74.558



40, 4.368, 19.947



34, 75.550, 39.826



4, 17.907, 19.418

Inverse Universe

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



81, 4.664, 199.197



99, 6.983, 199.081



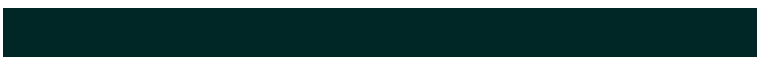
79, 4.150, 256.316



42, 4.118, 199.000



62, 36.287, 196.428



13, 13.509, 196.419

Previews

White Background



This preview shows how the CIELCh color 78, 4.856, 19.684 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 78, 4.856, 19.684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

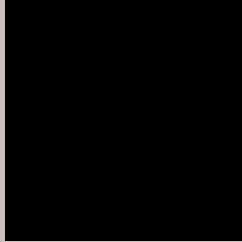
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 4.856, 19.684

Background



This preview shows how black text looks on a background with the CIELCh color 78, 4.856, 19.684.



This preview shows how white text looks on a background with the CIELCh color 78, 4.856, 19.684.

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

78, 4.856, 19.684

Protanopia

78, 1.922, 35.386

Deuteranopia

78, 9.633, 7.384



Tritanopia
78, 10.198, 328.267

Trichromacy



Original Color
78, 4.856, 19.684

Protanomaly
78, 2.972, 19.462

Deuteranomaly
78, 8.036, 8.535

Tritanomaly
78, 7.362, 339.131

Monochromacy



Original Color
78, 4.856, 19.684

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 1.478, 19.158

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 4.856, 19.684 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(203, 190, 190)` looks like.

```
.text, #text, p{  
    color:rgb(203, 190, 190)  
}
```

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(203, 190, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 190, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 4.856, 19.684 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(203, 190, 190) }
```

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

```
.border{ border-color:rgb(203, 190, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 190, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 190, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 190, 190);  
box-shadow:4px 4px 4px 4px rgb(203, 190,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 4.856, 19.684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 190, 190) }
```

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

```
.background{ background-color: rgb(203,  
190, 190) }
```

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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