

Converting Colors

CIELCh(80, 3.920, 199.609)

Have a look what the booklet for
CIELCh(80, 3.920, 199.609) contains.

CIELCh(80, 3.964, 199.244)	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(80, 3.964, 199.244)

Conversions

Conversions Part 1

Format	Color
Hex	BEC9C9
RGB	190, 201, 201
RGB Percent	75%, 79%, 79%
CMY	0.2565, 0.2133, 0.2133
CMYK	0.05, 0.00, 0.00, 0.21
HSL	180°, 9%, 77%
HSV	180°, 5%, 79%
XYZ	52.4253, 56.6813, 63.1893
YIQ	197.7110, -6.5560, -2.3320

Conversions

Conversions Part 2

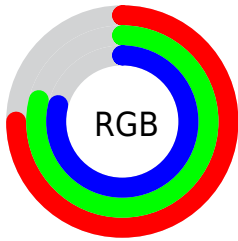
Format	Color
R_{YB}	190, 196, 201
Decimal	12503497
CIE _{Lab}	80.00, -3.74, -1.31
CIE _{LCh}	80, 3.964, 199.244
Yxy	56.6813, 0.3043, 0.3290
Android (android.graphics.Color)	4290693577 (0xFFBEC9C9)
YUV	197.7110, 1.6215, -6.7625
Hunter-Lab	75.2870, -7.4557, 2.9380

Details

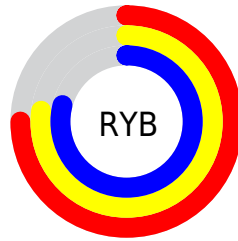
The CIELCh color `80, 3.964, 199.244` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `78, 4.103, 19.581`, and the grayscale version is `80, 0.010, 296.813`.

A 20% lighter version of the original color is `99, 3.114, 199.421`, and `60, 3.808, 199.157` is the 20% darker color. If you saturate the color by 10%, you get `79, 10.910, 198.608`, and if you desaturate by 10%, it is `82, 3.337, 19.472`.

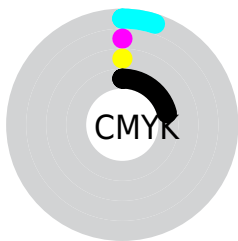
Distribution



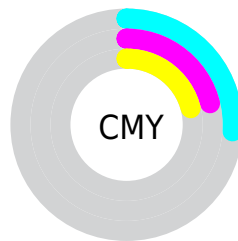
- Red (75%)
- Green (79%)
- Blue (79%)



- Red (75%)
- Yellow (77%)
- Blue (79%)



- Cyan (5%)
- Magenta (0%)
- Yellow (0%)
- Black (21%)



- Cyan (26%)
- Magenta (21%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 3.964, 199.244 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 80, 3.964, 199.244 by changing the saturation by 10% instead.

■ 80, 3.964, 199.244

■ 80, 3.964, 199.244

■ 100, 3.964,
199.244

■ 70, 3.964, 199.244

■ 60, 3.964, 199.244

■ 50, 3.964, 199.244

■ 40, 3.964, 199.244

■ 30, 3.964, 199.244

■ 20, 3.964, 199.244

■ 10, 3.964, 199.244

■ 0, 3.964, 199.244

■ 80, 3.964, 199.244

■ 80, 3.964, 199.244

79, 10.910,
198.608

82, 3.337, 19.472

77, 17.385,
198.109

83, 10.897, 20.171

76, 23.275,
197.671

85, 18.630, 20.797

75, 28.464,
197.294

86, 20.659, 20.953

75, 32.851,
196.980

86, 20.659, 20.945

74, 36.362,
196.731

86, 20.659, 20.937

74, 38.965,
196.548

86, 20.658, 20.929

74, 40.676,
196.427

86, 20.658, 20.920

73, 41.578,

86, 20.658, 20.912

Harmonies

Complementary

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



80, 3.964, 199.244



78, 4.103, 19.581

Rectangle

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



80, 3.964, 199.244



80, 3.964, 249.244



80, 3.964, 19.244



80, 3.964, 69.244

Sweetspot

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



80, 3.965, 199.219



100, 1.770, 199.643



80, 7.115, 143.731



53, 1.006, 199.668



0, 0.000, 0.000



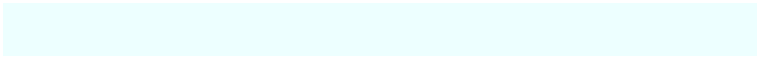
53, 0.007, 296.813

Same Dimension

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



80, 3.965, 199.219



99, 6.127, 199.101



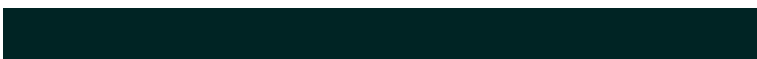
79, 3.478, 254.376



41, 3.242, 199.074



61, 35.896, 196.343



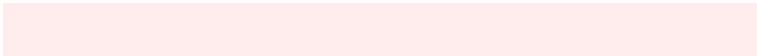
12, 12.986, 196.352

Inverse Universe

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



78, 4.103, 19.581



95, 6.404, 19.717



79, 3.517, 72.835



40, 3.398, 19.750



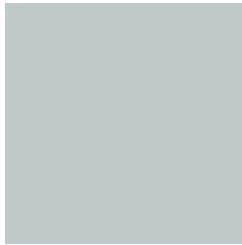
34, 74.633, 39.765



3, 15.885, 19.390

Previews

White Background



This preview shows how the CIELCh color 80, 3.964, 199.244 looks on a white background.

Color Contrast Check

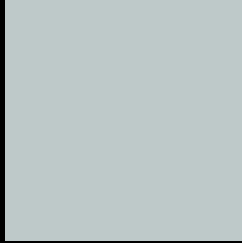
Large Text (above 18pt) WCAG AA × Fail

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 80, 3.964, 199.244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

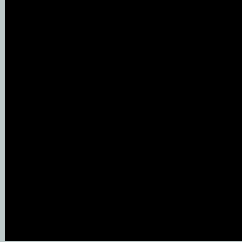
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

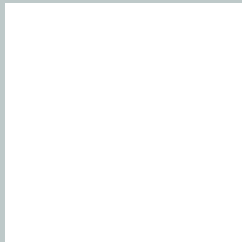
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 3.964, 199.244

Background



This preview shows how black text looks on a background with the CIELCh color 80, 3.964, 199.244.



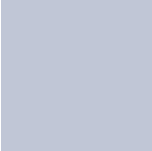
This preview shows how white text looks on a background with the CIELCh color 80, 3.964, 199.244.

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





Tritanopia
80, 8.745, 277.000

Trichromacy



Original Color
80, 3.964, 199.244

Protanomaly
80, 1.129, 271.521

Deuteranomaly
80, 5.176, 341.623

Tritanomaly
80, 5.989, 262.381

Monochromacy



Original Color
80, 3.964, 199.244

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 1.456, 199.670

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 3.964, 199.244 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(190, 201, 201)` looks like.

```
.text, #text, p{  
    color:rgb(190, 201, 201)  
}
```

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(190, 201, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 201, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 3.964, 199.244 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(190, 201, 201) }
```

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

```
.border{ border-color:rgb(190, 201, 201) }
```

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

Here you see how a box with a 4 pixel rgb(190, 201, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 201, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 201, 201);  
box-shadow:4px 4px 4px 4px rgb(190, 201,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 3.964, 199.244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 201, 201) }
```

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

```
.background{ background-color: rgb(190,  
201, 201) }
```

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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