

Converting Colors

CIELCh(79, 3.660, 74.628)

Have a look what the booklet for
CIELCh(79, 3.660, 74.628) contains.

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Color

CIELCh(79, 3.681, 79.404)

Conversions

Conversions Part 1

Format	Color
Hex	C8C3BD
RGB	200, 195, 189
RGB Percent	78%, 76%, 74%
CMY	0.2160, 0.2356, 0.2592
CMYK	0.00, 0.02, 0.06, 0.22
HSL	33°, 9%, 76%
HSV	33°, 6%, 78%
XYZ	52.4671, 54.9284, 55.9311
YIQ	195.8110, 4.9060, -0.8060

Conversions

Conversions Part 2

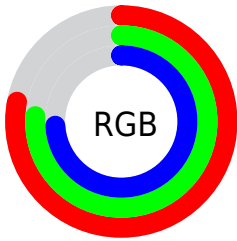
Format	Color
R _Y B	198, 200, 189
Decimal	13157309
CIE Lab	79.00, 0.68, 3.62
CIE LCh	79, 3.681, 79.404
Yxy	54.9284, 0.3212, 0.3363
Android (android.graphics.Color)	4291347389 (0xFFC8C3BD)
YUV	195.8110, -3.3578, 3.6738
Hunter-Lab	74.1137, -3.3339, 7.1354

Details

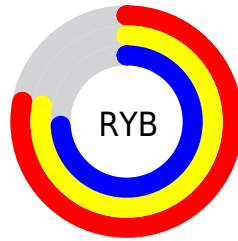
The CIELCh color $79, 3.681, 79.404$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $78, 3.660, 261.005$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 3.691, 93.151$, and $59, 3.438, 74.528$ is the 20% darker color. If you saturate the color by 10%, you get $76, 10.587, 78.227$, and if you desaturate by 10%, it is $82, 2.969, 260.872$.

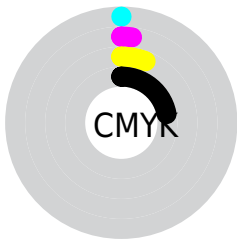
Distribution



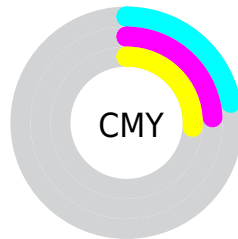
- Red (78%)
- Green (76%)
- Blue (74%)



- Red (78%)
- Yellow (78%)
- Blue (74%)



- Cyan (0%)
- Magenta (2%)
- Yellow (6%)
- Black (22%)



- Cyan (22%)
- Magenta (24%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 3.681, 79.404 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, 3.681, 79.404 by changing the saturation by 10% instead.

■ 79, 3.681, 79.404

■ 79, 3.681, 79.404

■ 100, 3.681, 79.404

■ 69, 3.681, 79.404

■ 99, 3.681, 79.404

■ 59, 3.681, 79.404

■ 49, 3.681, 79.404

■ 39, 3.681, 79.404

■ 29, 3.681, 79.404

■ 19, 3.681, 79.404

■ 9, 3.681, 79.404

■ 0, 3.681, 79.404

■ 79, 3.681, 79.404

■ 79, 3.681, 79.404

76, 10.587, 78.227

82, 2.969, 260.872

73, 17.764, 76.940

85, 9.389, 261.988

71, 25.217, 75.620

88, 15.599,
263.120

68, 32.929, 74.272

90, 15.804,
250.600

65, 40.831, 72.889

63, 48.764, 71.439

93, 15.077,
229.043

61, 56.395, 69.846

95, 16.442,
208.576

58, 63.110, 67.949

56, 68.010, 65.466

96, 18.128,
198.306

Harmonies

Complementary

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



79, 3.681, 79.404



78, 3.660, 261.005

Rectangle

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



79, 3.681, 79.404



79, 3.681, 129.404



79, 3.681, 259.404



79, 3.681, 309.404

Sweetspot

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



79, 3.682, 79.437



99, 1.614, 79.713



78, 4.933, 345.865



53, 0.917, 79.713



0, 0.000, 0.000



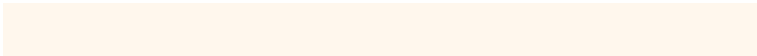
53, 0.007, 296.813

Same Dimension

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



79, 3.682, 79.437



98, 5.727, 79.257



80, 5.832, 110.987



41, 3.036, 79.210



46, 59.972, 64.863



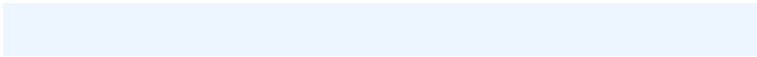
8, 13.039, 63.207

Inverse Universe

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



78, 3.660, 261.005



96, 5.671, 261.202



77, 5.918, 292.013



40, 3.004, 261.254



33, 56.041, 287.814



5, 14.762, 273.933

Previews

White Background



This preview shows how the CIELCh color 79, 3.681, 79.404 looks on a white background.

Color Contrast Check

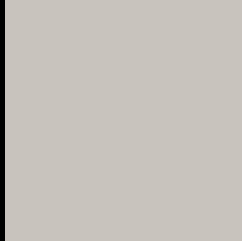
Large Text (above 18pt) WCAG AA × Fail

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, 3.681, 79.404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

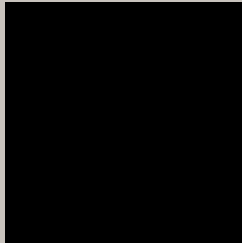
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

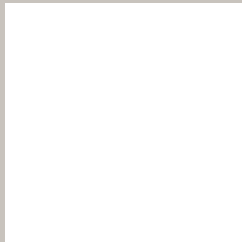
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 3.681, 79.404

Background



This preview shows how black text looks on a background with the CIELCh color 79, 3.681, 79.404.

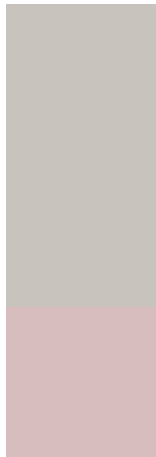


This preview shows how white text looks on a background with the CIELCh color 79, 3.681, 79.404.

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, 3.681, 79.404

Protanopia

79, 3.882, 74.605

Deuteranopia

79, 10.207, 17.204



Tritanopia
79, 8.997, 317.062

Trichromacy



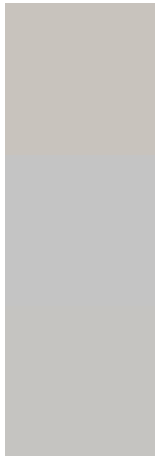
Original Color
79, 3.681, 79.404

Protanomaly
79, 3.882, 74.605

Deuteranomaly
79, 7.158, 24.148

Tritanomaly
79, 5.015, 331.533

Monochromacy



Original Color
79, 3.681, 79.404

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 1.628, 96.884

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 3.681, 79.404 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(200, 195, 189)` looks like.

```
.text, #text, p{  
    color:rgb(200, 195, 189)  
}
```

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(200, 195, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 195, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 3.681, 79.404 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(200, 195, 189) }
```

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

```
.border{ border-color:rgb(200, 195, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 195, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 195, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 195, 189);  
box-shadow:4px 4px 4px 4px rgb(200, 195,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 3.681, 79.404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 195, 189) }
```

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

```
.background{ background-color: rgb(200,  
195, 189) }
```

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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