

Converting Colors

CIELCh(79, 6.628, 324.680)

Have a look what the booklet for
CIELCh(79, 6.628, 324.680) contains.

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Color

CIELCh(79, 6.504, 324.670)

Conversions

Conversions Part 1

Format	Color
Hex	CBC1CB
RGB	203, 193, 203
RGB Percent	80%, 76%, 80%
CMY	0.2053, 0.2445, 0.2053
CMYK	0.00, 0.05, 0.00, 0.21
HSL	300°, 9%, 78%
HSV	300°, 5%, 79%
XYZ	54.2638, 54.9284, 64.0231
YIQ	197.1300, 2.7500, 5.2300

Conversions

Conversions Part 2

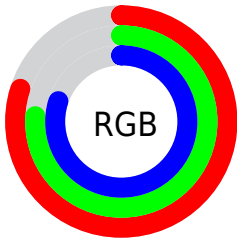
Format	Color
R_{YB}	203, 193, 203
Decimal	13353419
CIE Lab	79.00, 5.31, -3.76
CIE LCh	79, 6.504, 324.670
Yxy	54.9284, 0.3133, 0.3171
Android (android.graphics.Color)	4291543499 (0xFFCBC1CB)
YUV	197.1300, 2.8939, 5.1480
Hunter-Lab	74.1137, 0.9933, 0.6619

Details

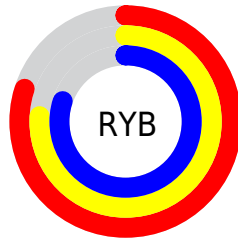
The CIELCh color $79, 6.504, 324.670$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $81, 6.484, 144.203$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 3.736, 324.489$, and $59, 6.201, 324.730$ is the 20% darker color. If you saturate the color by 10%, you get $74, 19.788, 325.243$, and if you desaturate by 10%, it is $84, 6.602, 144.209$.

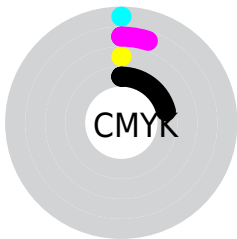
Distribution



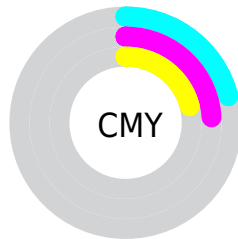
- Red (80%)
- Green (76%)
- Blue (80%)



- Red (80%)
- Yellow (76%)
- Blue (80%)



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



- Cyan (21%)
- Magenta (24%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 6.504, 324.670 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, 6.504, 324.670 by changing the saturation by 10% instead.

■ 79, 6.504, 324.670

■ 79, 6.504, 324.670

■ 100, 6.504,
324.670

■ 69, 6.504, 324.670

■ 99, 6.504, 324.670

■ 59, 6.504, 324.670

■ 49, 6.504, 324.670

■ 39, 6.504, 324.670

■ 29, 6.504, 324.670

■ 19, 6.504, 324.670

■ 9, 6.504, 324.670

■ 0, 6.504, 324.670

■ 79, 6.504, 324.670

■ 79, 6.504, 324.670

74, 19.788,
325.243

84, 6.602, 144.209

69, 33.085,
325.789

90, 19.414,
143.656

64, 46.139,
326.314

95, 31.873,
143.144

60, 58.600,
326.803

95, 32.810,
143.106

57, 70.024,
327.240

95, 32.810,
143.106

53, 79.906,
327.609

95, 32.810,
143.105

51, 87.757,
327.896

95, 32.809,
143.105

49, 93.229,
328.091

95, 32.809,
143.105

48, 96.254,

95, 32.809,
143.105

Harmonies

Complementary

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



79, 6.504, 324.670



81, 6.484, 144.203

Rectangle

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



79, 6.504, 324.670



79, 6.504, 14.670



79, 6.504, 144.670



79, 6.504, 194.670

Sweetspot

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



79, 6.502, 324.670



99, 1.592, 324.302



78, 5.265, 290.016



53, 0.905, 324.290



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, 6.502, 324.670



96, 9.538, 324.740



79, 4.621, 343.074



41, 5.268, 324.770



39, 83.711, 328.232



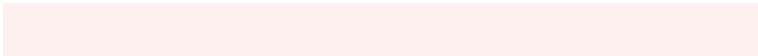
5, 29.042, 327.496

Inverse Universe

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



79, 3.713, 19.552



96, 5.468, 19.655



81, 4.584, 162.455



41, 3.025, 19.697



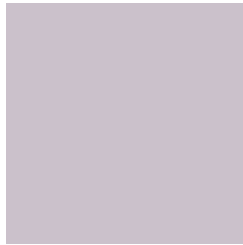
34, 75.553, 39.822



4, 17.910, 19.404

Previews

White Background



This preview shows how the CIELCh color 79, 6.504, 324.670 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, 6.504, 324.670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

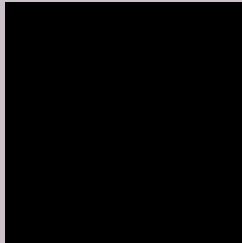
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 6.504, 324.670

Background



This preview shows how black text looks on a background with the CIELCh color 79, 6.504, 324.670.



This preview shows how white text looks on a background with the CIELCh color 79, 6.504, 324.670.

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, 6.504, 324.670

Protanopia

79, 5.474, 302.074

Deuteranopia

79, 10.406, 338.457



Tritanopia
79, 8.997, 317.062

Trichromacy



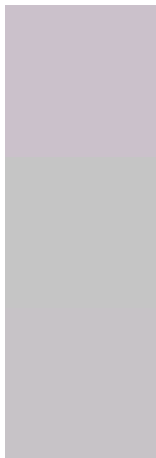
Original Color
79, 6.504, 324.670

Protanomaly
79, 5.670, 309.261

Deuteranomaly
79, 8.972, 334.563

Tritanomaly
79, 8.058, 320.435

Monochromacy



Original Color
79, 6.504, 324.670

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 2.610, 324.453

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 6.504, 324.670 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, 193, 203)` looks like.

```
.text, #text, p{  
    color:rgb(203, 193, 203)  
}
```

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, 193, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 193, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 6.504, 324.670 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, 193, 203) }
```

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

```
.border{ border-color:rgb(203, 193, 203) }
```

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

Here you see how a box with a 4 pixel rgb(203, 193, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 193, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 193, 203);  
box-shadow:4px 4px 4px 4px rgb(203, 193,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 6.504, 324.670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 193, 203) }
```

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

```
.background{ background-color: rgb(203,  
193, 203) }
```

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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