

Converting Colors

CIELCh(79, 5.588, 326.243)

Have a look what the booklet for
CIELCh(79, 5.588, 326.243) contains.

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Color

CIELCh(79, 5.426, 327.816)

Conversions

Conversions Part 1

Format	Color
Hex	CAC1C9
RGB	202, 193, 201
RGB Percent	79%, 76%, 79%
CMY	0.2077, 0.2430, 0.2117
CMYK	0.00, 0.04, 0.00, 0.21
HSL	307°, 8%, 77%
HSV	307°, 4%, 79%
XYZ	53.9841, 54.9284, 63.0298
YIQ	196.6030, 2.7960, 4.3960

Conversions

Conversions Part 2

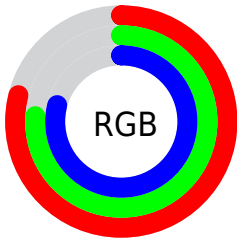
Format	Color
R _Y B	202, 193, 201
Decimal	13287881
CIE Lab	79.00, 4.59, -2.89
CIE LCh	79, 5.426, 327.816
Yxy	54.9284, 0.3140, 0.3195
Android (android.graphics.Color)	4291477961 (0xFFCAC1C9)
YUV	196.6030, 2.1677, 4.7332
Hunter-Lab	74.1137, 0.3196, 1.4566

Details

The CIELCh color $79, 5.426, 327.816$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $80, 5.405, 147.404$, 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 $59, 5.062, 328.305$ is the 20% darker color. If you saturate the color by 10%, you get $74, 17.703, 328.437$, and if you desaturate by 10%, it is $84, 6.671, 147.345$.

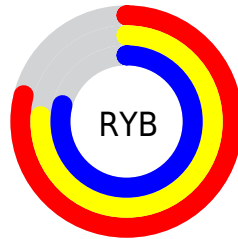
Distribution



Red (79%)

Green (76%)

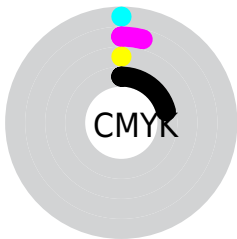
Blue (79%)



Red (79%)

Yellow (76%)

Blue (79%)

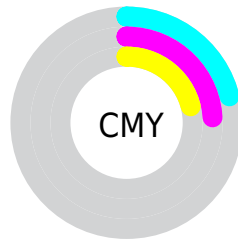


Cyan (0%)

Magenta (4%)

Yellow (0%)

Black (21%)



Cyan (21%)

Magenta (24%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 5.426, 327.816 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, 5.426, 327.816 by changing the saturation by 10% instead.

■ 79, 5.426, 327.816

■ 79, 5.426, 327.816

■ 100, 5.426,
327.816

■ 69, 5.426, 327.816

■ 99, 5.426, 327.816

■ 59, 5.426, 327.816

■ 49, 5.426, 327.816

■ 39, 5.426, 327.816

■ 29, 5.426, 327.816

■ 19, 5.426, 327.816

■ 9, 5.426, 327.816

■ 0, 5.426, 327.816

■ 79, 5.426, 327.816

■ 79, 5.426, 327.816

74, 17.703,
328.437

84, 6.671, 147.345

69, 30.016,
329.037

90, 18.490,
146.770

64, 42.132,
329.635

95, 29.981,
146.239

60, 53.729,
330.225

95, 29.889,
147.428

56, 64.380,
330.803

96, 28.984,
148.815

53, 73.587,
331.361

96, 28.094,
150.287

50, 80.840,
331.900

96, 27.220,
151.849

48, 85.749,
332.426

96, 26.364,
153.509

47, 88.190,

96, 25.529,
155.274

332.955

Harmonies

Complementary

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



79, 5.426, 327.816



80, 5.405, 147.404

Rectangle

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



79, 5.426, 327.816



79, 5.426, 17.816



79, 5.426, 147.816



79, 5.426, 197.816

Sweetspot

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



79, 5.424, 327.817



99, 1.475, 327.441



78, 4.836, 294.479



53, 0.839, 327.426



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, 5.424, 327.817



97, 7.359, 327.859



79, 3.852, 349.692



41, 4.181, 327.897



38, 76.777, 333.173



5, 26.538, 331.459

Inverse Universe

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



79, 5.424, 327.817



97, 7.359, 327.859



81, 3.809, 169.142



41, 4.181, 327.897



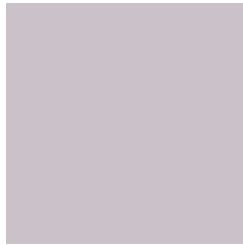
38, 76.777, 333.173



5, 26.538, 331.459

Previews

White Background



This preview shows how the CIELCh color 79, 5.426, 327.816 looks on a white background.

Color Contrast Check

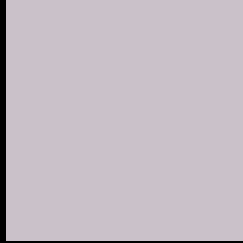
Large Text (above 18pt) WCAG AA × Fail

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, 5.426, 327.816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

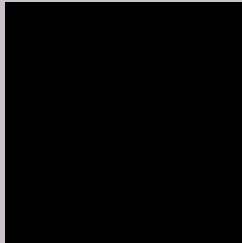
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

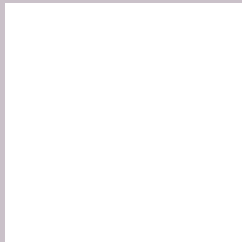
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 5.426, 327.816

Background



This preview shows how black text looks on a background with the CIELCh color 79, 5.426, 327.816.

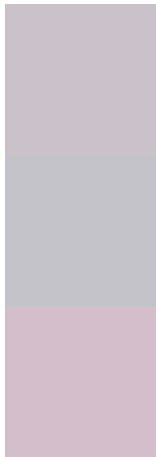


This preview shows how white text looks on a background with the CIELCh color 79, 5.426, 327.816.

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, 5.426, 327.816

Protanopia

79, 3.825, 301.454

Deuteranopia

79, 10.351, 342.074



Tritanopia
79, 8.997, 317.062

Trichromacy



Original Color
79, 5.426, 327.816

Protanomaly
79, 4.672, 313.440

Deuteranomaly
79, 8.602, 337.051

Tritanomaly
79, 8.058, 320.435

Monochromacy



Original Color
79, 5.426, 327.816

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 1.548, 335.546

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 5.426, 327.816 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(202, 193, 201)` looks like.

```
.text, #text, p{  
    color:rgb(202, 193, 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(202, 193, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 193, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 5.426, 327.816 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(202, 193, 201) }
```

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

```
.border{ border-color:rgb(202, 193, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 193, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 193, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 193, 201);  
box-shadow:4px 4px 4px 4px rgb(202, 193,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 5.426, 327.816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 193, 201) }
```

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

```
.background{ background-color: rgb(202,  
193, 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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