

Converting Colors

CIELCh(79, 4.624, 63.055)

Have a look what the booklet for
CIELCh(79, 4.624, 63.055) contains.

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Color

CIELCh(79, 4.629, 63.052)

Conversions

Conversions Part 1

Format	Color
Hex	CBC2BC
RGB	203, 194, 188
RGB Percent	80%, 76%, 74%
CMY	0.2038, 0.2391, 0.2626
CMYK	0.00, 0.04, 0.07, 0.20
HSL	24°, 13%, 77%
HSV	24°, 7%, 80%
XYZ	53.0143, 54.9284, 55.4005
YIQ	196.0070, 7.2900, 0.0420

Conversions

Conversions Part 2

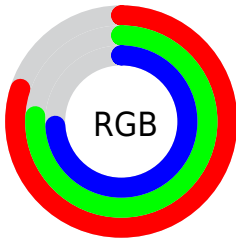
Format	Color
RYB	203, 198, 188
Decimal	13353660
CIELab	79.00, 2.10, 4.13
CIELCh	79, 4.629, 63.052
Yxy	54.9284, 0.3246, 0.3363
Android (android.graphics.Color)	4291543740 (0xFFCBC2BC)
YUV	196.0070, -3.9475, 6.1329
Hunter-Lab	74.1137, -2.0161, 7.5599

Details

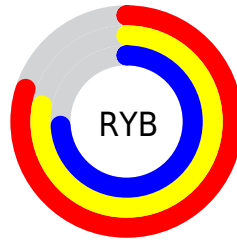
The CIELCh color $79, 4.629, 63.052$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $79, 4.503, 244.826$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 3.507, 79.521$, and $59, 4.564, 57.764$ is the 20% darker color. If you saturate the color by 10%, you get $75, 11.244, 62.132$, and if you desaturate by 10%, it is $83, 1.597, 244.474$.

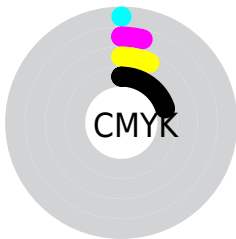
Distribution



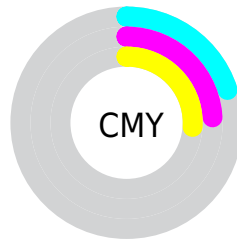
- Red (80%)
- Green (76%)
- Blue (74%)



- Red (80%)
- Yellow (78%)
- Blue (74%)



- Cyan (0%)
- Magenta (4%)
- Yellow (7%)
- Black (20%)



- Cyan (20%)
- Magenta (24%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 4.629, 63.052 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, 4.629, 63.052 by changing the saturation by 10% instead.

 79, 4.629, 63.052  79, 4.629, 63.052

 100, 4.629, 63.052  69, 4.629, 63.052

 99, 4.629, 63.052  59, 4.629, 63.052

 49, 4.629, 63.052

 39, 4.629, 63.052

 29, 4.629, 63.052

 19, 4.629, 63.052

 9, 4.629, 63.052

 0, 4.629, 63.052

 79, 4.629, 63.052  79, 4.629, 63.052

75, 11.244, 62.132

83, 1.597, 244.474

72, 18.286, 61.162

86, 7.476, 245.264

68, 25.787, 60.217

90, 13.048,
246.237

65, 33.756, 59.311

93, 14.374,
224.902

62, 42.158, 58.442

59, 50.867, 57.578

97, 17.143,
198.513

56, 59.572, 56.621

97, 17.172,
198.367

53, 67.609, 55.340

51, 73.952, 53.372

Harmonies

Complementary

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



79, 4.629, 63.052



79, 4.503, 244.826

Rectangle

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



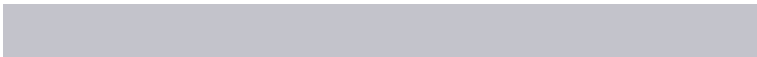
79, 4.629, 63.052



79, 4.629, 113.052



79, 4.629, 243.052



79, 4.629, 293.052

Sweetspot

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



79, 4.629, 63.081



99, 1.479, 63.362



78, 7.369, 339.134



53, 0.840, 63.353



0, 0.000, 0.000



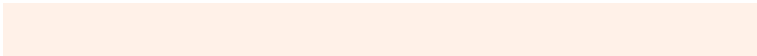
53, 0.007, 296.813

Same Dimension

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



79, 4.629, 63.081



96, 6.822, 62.925



81, 7.160, 105.026



41, 3.591, 62.899



41, 64.654, 53.475



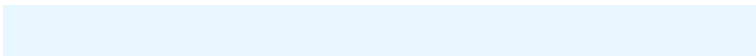
7, 14.640, 46.236

Inverse Universe

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



79, 4.503, 244.826



96, 6.583, 245.013



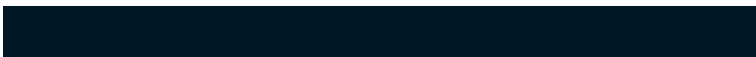
77, 7.265, 286.620



41, 3.461, 245.044



41, 42.424, 271.935



7, 13.361, 260.180

Previews

White Background



This preview shows how the CIELCh color 79, 4.629, 63.052 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 79, 4.629, 63.052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

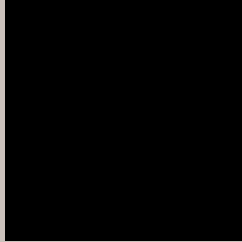
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

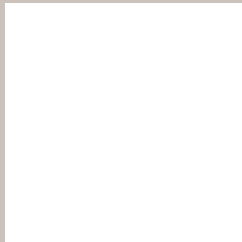
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 4.629, 63.052

Background



This preview shows how black text looks on a background with the CIELCh color 79, 4.629, 63.052.

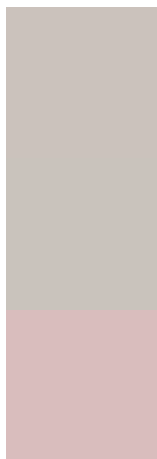


This preview shows how white text looks on a background with the CIELCh color 79, 4.629, 63.052.

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, 4.629, 63.052

Protanopia

79, 4.331, 78.588

Deuteranopia

79, 10.599, 20.210



Tritanopia
79, 9.742, 324.812

Trichromacy



Original Color
79, 4.629, 63.052

Protanomaly
79, 4.536, 74.501

Deuteranomaly
79, 7.989, 27.589

Tritanomaly
79, 6.099, 342.073

Monochromacy



Original Color
79, 4.629, 63.052

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 1.810, 55.192

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 4.629, 63.052 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, 194, 188)` looks like.

```
.text, #text, p{  
    color:rgb(203, 194, 188)  
}
```

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, 194, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 194, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 4.629, 63.052 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, 194, 188) }
```

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

```
.border{ border-color:rgb(203, 194, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 194, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(203, 194, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(203, 194, 188); box-shadow:4px 4px 4px 4px rgb(203, 194, 188) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 4.629, 63.052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 194, 188) }
```

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

```
.background{ background-color: rgb(203,  
194, 188) }
```

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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