

Converting Colors

CIELCh(78, 9.031, 57.973)

Have a look what the booklet for
CIELCh(78, 9.031, 57.973) contains.

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Color

CIELCh(78, 9.031, 55.923)

Conversions

Conversions Part 1

Format	Color
Hex	D0BDB3
RGB	208, 189, 179
RGB Percent	82%, 74%, 70%
CMY	0.1833, 0.2578, 0.2971
CMYK	0.00, 0.09, 0.14, 0.18
HSL	21°, 24%, 76%
HSV	21°, 14%, 82%
XYZ	52.4951, 53.2120, 50.2810
YIQ	193.5410, 14.5340, 0.9180

Conversions

Conversions Part 2

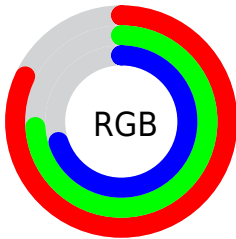
Format	Color
R_{YB}	208, 194, 179
Decimal	13680051
CIE Lab	78.00, 5.06, 7.48
CIE LCh	78, 9.031, 55.923
Yxy	53.2120, 0.3365, 0.3411
Android (android.graphics.Color)	4291870131 (0xFFD0BDB3)
YUV	193.5410, -7.1687, 12.6805
Hunter-Lab	72.9466, 0.7989, 10.1949

Details

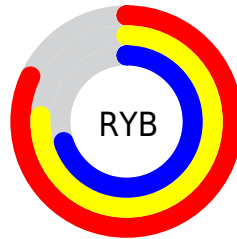
The CIELCh color $78, 9.031, 55.923$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $79, 8.427, 238.562$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 6.218, 74.387$, and $58, 9.016, 58.664$ is the 20% darker color. If you saturate the color by 10%, you get $74, 16.079, 55.185$, and if you desaturate by 10%, it is $82, 2.458, 56.612$.

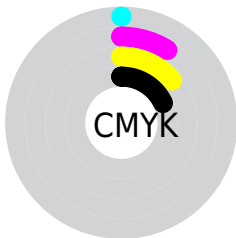
Distribution



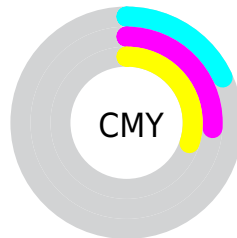
- Red (82%)
- Green (74%)
- Blue (70%)



- Red (82%)
- Yellow (76%)
- Blue (70%)



- Cyan (0%)
- Magenta (9%)
- Yellow (14%)
- Black (18%)



- Cyan (18%)
- Magenta (26%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 9.031, 55.923 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 78, 9.031, 55.923 by changing the saturation by 10% instead.

 78, 9.031, 55.923  78, 9.031, 55.923

 100, 9.031, 55.923  68, 9.031, 55.923

 98, 9.031, 55.923  58, 9.031, 55.923

 48, 9.031, 55.923


 38, 9.031, 55.923

 28, 9.031, 55.923

 18, 9.031, 55.923

 8, 9.031, 55.923

 0, 9.031, 55.923

 78, 9.031, 55.923  78, 9.031, 55.923

74, 16.079, 55.185

82, 2.458, 56.612

70, 23.644, 54.476

86, 3.687, 237.792

67, 31.751, 53.838

90, 9.453, 238.566

63, 40.393, 53.281

94, 12.994,
225.186

60, 49.491, 52.793

97, 15.548,
198.471

56, 58.819, 52.310

54, 67.853, 51.652

51, 75.535, 50.417

50, 79.422, 49.476

Harmonies

Complementary

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



78, 9.031, 55.923



79, 8.427, 238.562

Rectangle

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



78, 9.031, 55.923



78, 9.031, 105.923



78, 9.031, 235.923



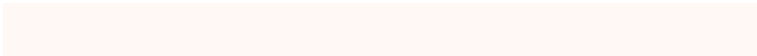
78, 9.031, 285.923

Sweetspot

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



78, 9.031, 55.939



98, 2.950, 56.608



76, 14.949, 336.637



52, 2.103, 56.576



0, 0.000, 0.000



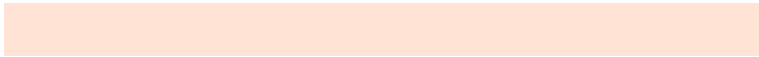
53, 0.007, 296.813

Same Dimension

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



78, 9.031, 55.939



92, 13.142, 55.690



82, 12.881, 100.782



42, 3.632, 56.277



40, 67.416, 50.023



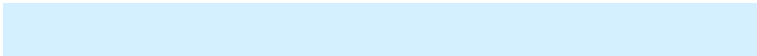
7, 16.472, 41.155

Inverse Universe

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



79, 8.427, 238.562



93, 12.044, 238.935



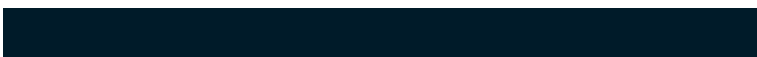
75, 13.127, 284.023



42, 3.473, 238.101



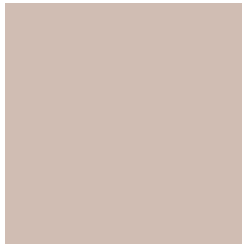
44, 38.602, 263.629



8, 13.223, 251.790

Previews

White Background



This preview shows how the CIELCh color 78, 9.031, 55.923 looks on a white background.

Color Contrast Check

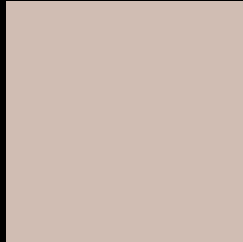
Large Text (above 18pt) WCAG AA × Fail

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 78, 9.031, 55.923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

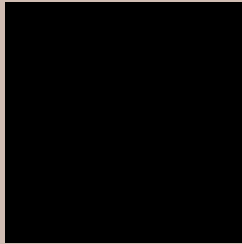
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 9.031, 55.923

Background



This preview shows how black text looks on a background with the CIELCh color 78, 9.031, 55.923.



This preview shows how white text looks on a background with the CIELCh color 78, 9.031, 55.923.

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

78, 9.031, 55.923

Protanopia

78, 6.424, 85.245

Deuteranopia

78, 11.996, 35.649



Tritanopia

78, 12.244, 339.504

Trichromacy



Original Color
78, 9.031, 55.923

Protanomaly
78, 7.196, 74.047

Deuteranomaly
78, 10.672, 40.501

Tritanomaly
78, 9.181, 359.729

Monochromacy



Original Color
78, 9.031, 55.923

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 3.047, 51.065

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 9.031, 55.923 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(208, 189, 179)` looks like.

```
.text, #text, p{  
    color:rgb(208, 189, 179)  
}
```

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(208, 189, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 189, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 9.031, 55.923 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(208, 189, 179) }
```

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

```
.border{ border-color:rgb(208, 189, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 189, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 189, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 189, 179);  
box-shadow:4px 4px 4px 4px rgb(208, 189,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 9.031, 55.923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 189, 179) }
```

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

```
.background{ background-color: rgb(208,  
189, 179) }
```

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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