

Converting Colors

CIELCh(78, 5.721, 55.025)

Have a look what the booklet for
CIELCh(78, 5.721, 55.025) contains.

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Color

CIELCh(78, 5.861, 59.106)

Conversions

Conversions Part 1

Format	Color
Hex	CBBFB8
RGB	203, 191, 184
RGB Percent	80%, 75%, 72%
CMY	0.2052, 0.2523, 0.2797
CMYK	0.00, 0.06, 0.09, 0.21
HSL	22°, 15%, 76%
HSV	22°, 9%, 79%
XYZ	51.7117, 53.2120, 52.7105
YIQ	193.7900, 9.3990, 0.3670

Conversions

Conversions Part 2

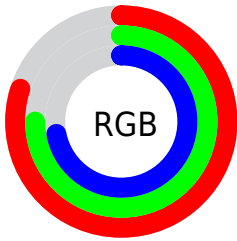
Format	Color
R _Y B	203, 195, 184
Decimal	13352888
CIE Lab	78.00, 3.01, 5.03
CIE LCh	78, 5.861, 59.106
Yxy	53.2120, 0.3280, 0.3376
Android (android.graphics.Color)	4291542968 (0xFFCBBFB8)
YUV	193.7900, -4.8265, 8.0772
Hunter-Lab	72.9466, -1.1180, 8.2202

Details

The CIELCh color **78, 5.861, 59.106** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78, 5.624, 241.095**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 4.545, 70.928**, and **58, 5.948, 61.333** is the 20% darker color. If you saturate the color by 10%, you get **74, 12.531, 58.280**, and if you desaturate by 10%, it is **82, 0.386, 241.343**.

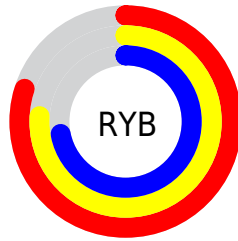
Distribution



Red (80%)

Green (75%)

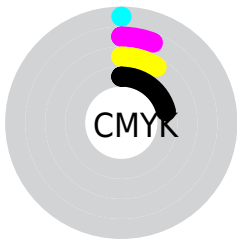
Blue (72%)



Red (80%)

Yellow (76%)

Blue (72%)

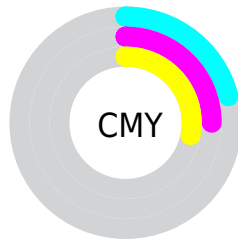


Cyan (0%)

Magenta (6%)

Yellow (9%)

Black (21%)



Cyan (21%)


Magenta (25%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 5.861, 59.106 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, 5.861, 59.106 by changing the saturation by 10% instead.

 78, 5.861, 59.106  78, 5.861, 59.106

 100, 5.861, 59.106  68, 5.861, 59.106

 98, 5.861, 59.106  58, 5.861, 59.106

 48, 5.861, 59.106

 38, 5.861, 59.106

 28, 5.861, 59.106

 18, 5.861, 59.106

 8, 5.861, 59.106

 0, 5.861, 59.106

 78, 5.861, 59.106  78, 5.861, 59.106

74, 12.531, 58.280

82, 0.386, 241.343

71, 19.667, 57.441

86, 6.254, 241.125

67, 27.299, 56.649

90, 11.788,
242.014

64, 35.436, 55.917

93, 14.410,
226.916

60, 44.036, 55.245

57, 52.954, 54.593

96, 17.164,
198.970

54, 61.836, 53.845

97, 17.285,
198.360

52, 69.922, 52.725

49, 76.346, 50.995

Harmonies

Complementary

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



78, 5.861, 59.106



78, 5.624, 241.095

Rectangle

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



78, 5.861, 59.106



78, 5.861, 109.106



78, 5.861, 239.106



78, 5.861, 289.106

Sweetspot

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



78, 5.861, 59.129



99, 2.211, 59.535



77, 9.574, 337.757



52, 1.681, 59.514



0, 0.000, 0.000



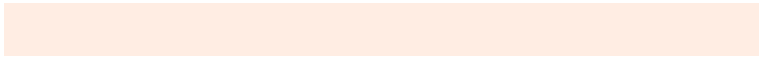
53, 0.007, 296.813

Same Dimension

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



78, 5.861, 59.129



95, 8.339, 58.982



80, 8.765, 103.118



41, 3.567, 59.127



40, 65.772, 51.459



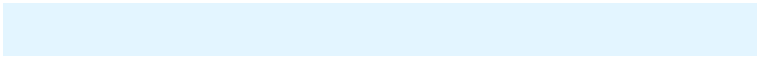
7, 14.816, 43.129

Inverse Universe

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



78, 5.624, 241.095



95, 7.930, 241.283



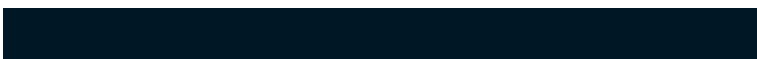
76, 8.902, 285.204



41, 3.422, 241.098



42, 39.872, 267.324



7, 12.874, 255.682

Previews

White Background



This preview shows how the CIELCh color 78, 5.861, 59.106 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 78, 5.861, 59.106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

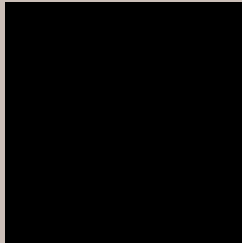
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

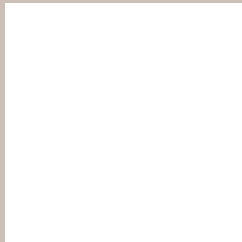
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 5.861, 59.106

Background



This preview shows how black text looks on a background with the CIELCh color 78, 5.861, 59.106.

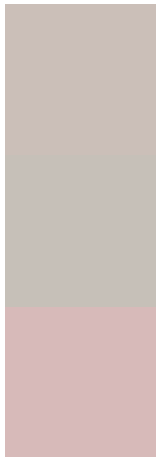


This preview shows how white text looks on a background with the CIELCh color 78, 5.861, 59.106.

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, 5.861, 59.106

Protanopia

78, 4.812, 81.789

Deuteranopia

78, 11.057, 23.005



Tritanopia
78, 10.198, 328.267

Trichromacy



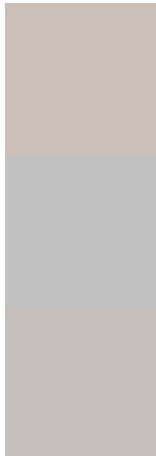
Original Color
78, 5.861, 59.106

Protanomaly
78, 5.207, 74.382

Deuteranomaly
78, 8.879, 30.376

Tritanomaly
78, 6.717, 346.049

Monochromacy



Original Color
78, 5.861, 59.106

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 2.130, 49.342

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 5.861, 59.106 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, 191, 184)` looks like.

```
.text, #text, p{  
    color:rgb(203, 191, 184)  
}
```

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, 191, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 191, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 5.861, 59.106 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, 191, 184) }
```

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

```
.border{ border-color:rgb(203, 191, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 191, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 191, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 191, 184);  
box-shadow:4px 4px 4px 4px rgb(203, 191,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 5.861, 59.106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 191, 184) }
```

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

```
.background{ background-color: rgb(203,  
191, 184) }
```

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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