

Converting Colors

CIELCh(78, 3.679, 57.319)

Have a look what the booklet for
CIELCh(78, 3.679, 57.319) contains.

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Color

CIELCh(78, 3.662, 55.091)

Conversions

Conversions Part 1

Format	Color
Hex	C7BFBB
RGB	199, 191, 187
RGB Percent	78%, 75%, 73%
CMY	0.2182, 0.2496, 0.2653
CMYK	0.00, 0.04, 0.06, 0.22
HSL	20°, 10%, 76%
HSV	20°, 6%, 78%
XYZ	51.3653, 53.2120, 54.7774
YIQ	192.9360, 6.0520, 0.4520

Conversions

Conversions Part 2

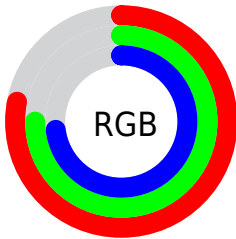
Format	Color
RYB	199, 193, 187
Decimal	13090747
CIELab	78.00, 2.10, 3.00
CIElCh	78, 3.662, 55.091
Yxy	53.2120, 0.3223, 0.3339
Android (android.graphics.Color)	4291280827 (0xFFC7BFBB)
YUV	192.9360, -2.9264, 5.3181
Hunter-Lab	72.9466, -1.9658, 6.5402

Details

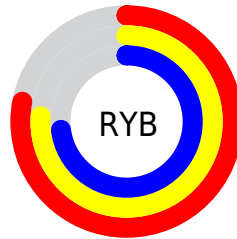
The CIELCh color **78, 3.662, 55.091** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78, 3.562, 236.381**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 3.479, 55.154**, and **58, 3.584, 58.685** is the 20% darker color. If you saturate the color by 10%, you get **74, 10.101, 54.448**, and if you desaturate by 10%, it is **82, 2.347, 236.263**.

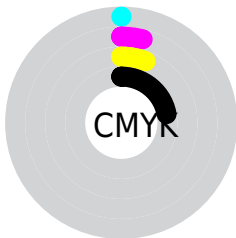
Distribution



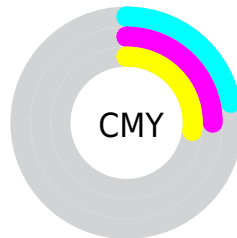
- Red (78%)
- Green (75%)
- Blue (73%)



- Red (78%)
- Yellow (76%)
- Blue (73%)



- Cyan (0%)
- Magenta (4%)
- Yellow (6%)
- Black (22%)



- Cyan (22%)
- Magenta (25%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 3.662, 55.091 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, 3.662, 55.091 by changing the saturation by 10% instead.

 78, 3.662, 55.091  78, 3.662, 55.091

 100, 3.662, 55.091  68, 3.662, 55.091

 98, 3.662, 55.091  58, 3.662, 55.091

 48, 3.662, 55.091

 38, 3.662, 55.091

 28, 3.662, 55.091

 18, 3.662, 55.091

 8, 3.662, 55.091

 0, 3.662, 55.091

 78, 3.662, 55.091  78, 3.662, 55.091

74, 10.101, 54.448

82, 2.347, 236.263

70, 17.016, 53.755

86, 7.974, 236.932

67, 24.445, 53.119

90, 13.263,
237.728

63, 32.410, 52.564

94, 15.623,
218.927

59, 40.894, 52.099

56, 49.802, 51.708

96, 18.296,
198.295

53, 58.880, 51.312

50, 67.543, 50.698

48, 74.682, 49.429

Harmonies

Complementary

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



78, 3.662, 55.091



78, 3.562, 236.381

Rectangle

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



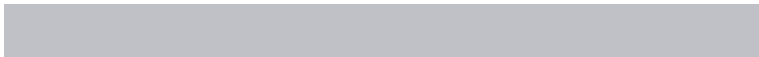
78, 3.662, 55.091



78, 3.662, 105.091



78, 3.662, 235.091



78, 3.662, 285.091

Sweetspot

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



78, 3.662, 55.127



99, 1.462, 55.175



77, 6.197, 336.028



53, 0.830, 55.161



0, 0.000, 0.000



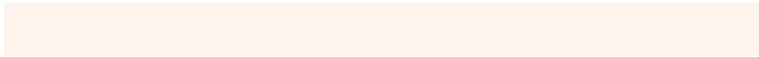
53, 0.007, 296.813

Same Dimension

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



78, 3.662, 55.127



97, 5.219, 55.063



80, 5.357, 101.653



40, 2.769, 55.038



39, 66.256, 49.480



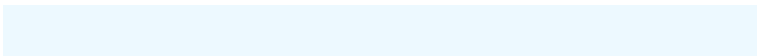
6, 13.395, 40.602

Inverse Universe

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



78, 3.562, 236.381



97, 5.047, 236.460



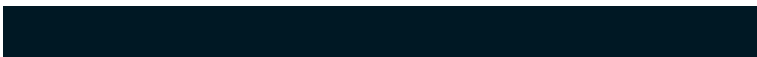
77, 5.414, 283.039



41, 2.672, 236.492



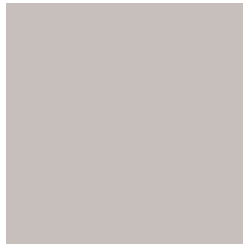
44, 36.920, 261.594



7, 11.671, 250.342

Previews

White Background



This preview shows how the CIELCh color 78, 3.662, 55.091 looks on a white background.

Color Contrast Check

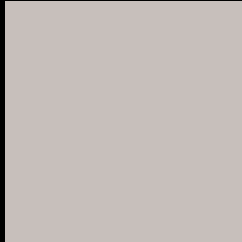
Large Text (above 18pt) WCAG AA × Fail

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, 3.662, 55.091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

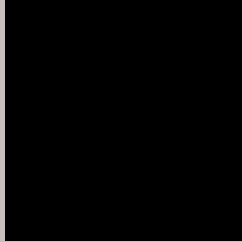
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

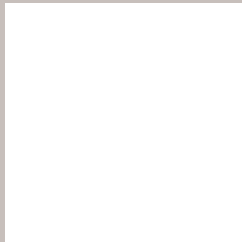
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 3.662, 55.091

Background



This preview shows how black text looks on a background with the CIELCh color 78, 3.662, 55.091.



This preview shows how white text looks on a background with the CIELCh color 78, 3.662, 55.091.

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, 3.662, 55.091

Protanopia

78, 2.817, 68.519

Deuteranopia

78, 10.262, 14.253



Tritanopia
78, 9.370, 321.084

Trichromacy



Original Color
78, 3.662, 55.091

Protanomaly
78, 3.077, 63.243

Deuteranomaly
78, 7.532, 19.943

Tritanomaly
78, 5.921, 333.510

Monochromacy



Original Color
78, 3.662, 55.091

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 1.223, 44.905

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 3.662, 55.091 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(199, 191, 187)` looks like.

```
.text, #text, p{  
    color:rgb(199, 191, 187)  
}
```

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(199, 191, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 191, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 3.662, 55.091 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(199, 191, 187) }
```

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

```
.border{ border-color:rgb(199, 191, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 191, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 191, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 191, 187); box-shadow:4px 4px 4px 4px rgb(199, 191, 187) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 3.662, 55.091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 191, 187) }
```

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

```
.background{ background-color: rgb(199,  
191, 187) }
```

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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