

Converting Colors

CIE LCh(78, 7.295, 8.200)

Have a look what the booklet for
CIELCh(78, 7.295, 8.200) contains.

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Color

CIELCh(78, 7.294, 7.270)

Conversions

Conversions Part 1

Format	Color
Hex	CFBCBF
RGB	207, 188, 191
RGB Percent	81%, 74%, 75%
CMY	0.1868, 0.2613, 0.2496
CMYK	0.00, 0.09, 0.08, 0.19
HSL	351°, 17%, 78%
HSV	351°, 9%, 81%
XYZ	53.3346, 53.2120, 56.9545
YIQ	194.0230, 10.3610, 4.9610

Conversions

Conversions Part 2

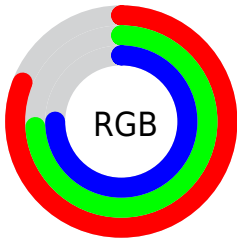
Format	Color
R_{YB}	207, 188, 191
Decimal	13614271
CIE Lab	78.00, 7.24, 0.92
CIE LCh	78, 7.294, 7.270
Yxy	53.2120, 0.3262, 0.3255
Android (android.graphics.Color)	4291804351 (0xFFCFBCBF)
YUV	194.0230, -1.4903, 11.3808
Hunter-Lab	72.9466, 2.8531, 4.7707

Details

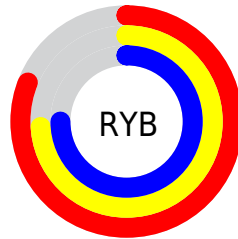
The CIELCh color $78, 7.294, 7.270$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $82, 7.002, 185.826$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $97, 4.195, 358.142$, and $58, 7.375, 6.836$ is the 20% darker color. If you saturate the color by 10%, you get $72, 15.690, 8.382$, and if you desaturate by 10%, it is $84, 0.642, 187.298$.

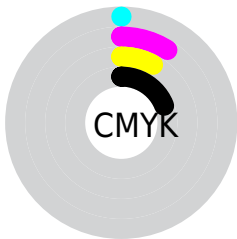
Distribution



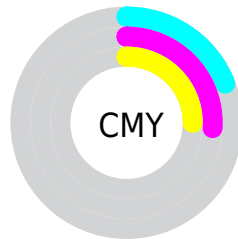
- Red (81%)
- Green (74%)
- Blue (75%)



- Red (81%)
- Yellow (74%)
- Blue (75%)



- Cyan (0%)
- Magenta (9%)
- Yellow (8%)
- Black (19%)



- Cyan (19%)
- Magenta (26%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 7.294, 7.270 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, 7.294, 7.270 by changing the saturation by 10% instead.

 78, 7.294, 7.270

 78, 7.294, 7.270

 100, 7.294, 7.270

 68, 7.294, 7.270

 98, 7.294, 7.270

 58, 7.294, 7.270

 48, 7.294, 7.270

 38, 7.294, 7.270

 28, 7.294, 7.270

 18, 7.294, 7.270

 8, 7.294, 7.270

 0, 7.294, 7.270

 78, 7.294, 7.270

 78, 7.294, 7.270

72, 15.690, 8.382

84, 0.642, 187.298

67, 24.511, 9.676

90, 8.112, 185.763

62, 33.656, 11.257

95, 15.141,
185.068

57, 42.942, 13.230

97, 15.827,
198.453

53, 52.092, 15.725

49, 60.773, 18.887

46, 68.672, 22.829

44, 75.611, 27.522

43, 81.636, 32.497

Harmonies

Complementary

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



78, 7.294, 7.270



82, 7.002, 185.826

Rectangle

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



78, 7.294, 7.270



78, 7.294, 57.270



78, 7.294, 187.270



78, 7.294, 237.270

Sweetspot

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



78, 7.292, 7.282



98, 2.775, 6.565



78, 11.736, 320.194



52, 2.108, 6.685



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, 7.292, 7.282



93, 10.411, 7.490



80, 5.821, 54.892



41, 4.549, 7.308



35, 69.745, 32.059



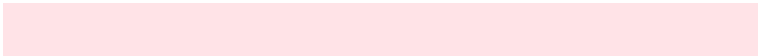
4, 20.132, 12.144

Inverse Universe

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



78, 7.292, 7.282



93, 10.411, 7.490



80, 5.565, 236.596



41, 4.549, 7.308



35, 69.745, 32.059



4, 20.132, 12.144

Previews

White Background



This preview shows how the CIELCh color 78, 7.294, 7.270 looks on a white background.

Color Contrast Check

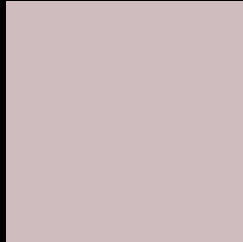
Large Text (above 18pt) WCAG AA × Fail

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, 7.294, 7.270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

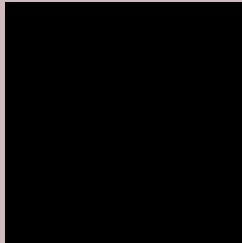
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 7.294, 7.270

Background



This preview shows how black text looks on a background with the CIELCh color 78, 7.294, 7.270.



This preview shows how white text looks on a background with the CIELCh color 78, 7.294, 7.270.

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, 7.294, 7.270

Protanopia

78, 1.579, 359.395

Deuteranopia

78, 9.750, 4.321



Tritanopia
78, 11.060, 337.713

Trichromacy



Original Color

78, 7.294, 7.270

Protanomaly

78, 3.388, 10.458

Deuteranomaly

78, 9.021, 2.922

Tritanomaly

78, 9.463, 345.773

Monochromacy



Original Color

78, 7.294, 7.270

Achromatopsia

78, 0.009, 296.813

Achromatomaly

78, 2.652, 7.805

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 7.294, 7.270 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(207, 188, 191)` looks like.

```
.text, #text, p{  
    color:rgb(207, 188, 191)  
}
```

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(207, 188, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 188, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 7.294, 7.270 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(207, 188, 191) }
```

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

```
.border{ border-color:rgb(207, 188, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 188, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 188, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 188, 191);  
box-shadow:4px 4px 4px 4px rgb(207, 188,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 7.294, 7.270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 188, 191) }
```

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

```
.background{ background-color: rgb(207,  
188, 191) }
```

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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