

Converting Colors

CIELCh(78, 12.671, 290.437)

Have a look what the booklet for
CIELCh(78, 12.671, 290.437)
contains.

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Color

CIELCh(78, 12.867, 291.350)

Conversions

Conversions Part 1

Format	Color
Hex	BFBFD7
RGB	191, 191, 215
RGB Percent	75%, 75%, 84%
CMY	0.2512, 0.2512, 0.1571
CMYK	0.11, 0.11, 0.00, 0.16
HSL	240°, 23%, 80%
HSV	240°, 11%, 84%
XYZ	52.3510, 53.2120, 71.7653
YIQ	193.7360, -7.7040, 7.4640

Conversions

Conversions Part 2

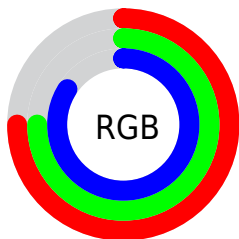
Format	Color
R_{YB}	191, 191, 215
Decimal	12566487
CIE _{Lab}	78.00, 4.68, -11.98
CIE _{LCh}	78, 12.867, 291.350
Yxy	53.2120, 0.2952, 0.3001
Android (android.graphics.Color)	4290756567 (0xFFBFBFD7)
YUV	193.7360, 10.4832, -2.3995
Hunter-Lab	72.9466, 0.4462, -7.2673

Details

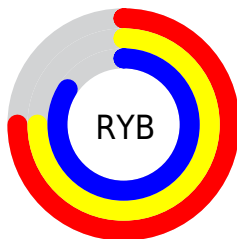
The CIELCh color $78, 12.867, 291.350$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $85, 12.539, 109.095$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 4.095, 290.506$, and $58, 12.518, 289.946$ is the 20% darker color. If you saturate the color by 10%, you get $71, 24.890, 292.589$, and if you desaturate by 10%, it is $85, 1.324, 290.337$.

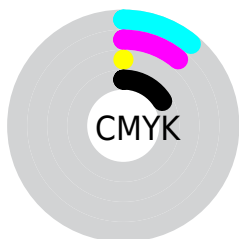
Distribution



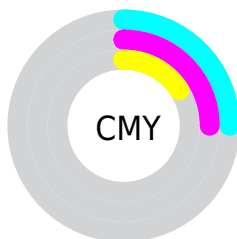
- Red (75%)
- Green (75%)
- Blue (84%)



- Red (75%)
- Yellow (75%)
- Blue (84%)



- Cyan (11%)
- Magenta (11%)
- Yellow (0%)
- Black (16%)





- Cyan (25%)
- Magenta (25%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 12.867, 291.350 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, 12.867, 291.350 by changing the saturation by 10% instead.


 78, 12.867,
291.350


 78, 12.867,
291.350


 100, 12.867,
291.350


 68, 12.867,
291.350


 98, 12.867,
291.350

 58, 12.867,
291.350

 48, 12.867,
291.350

 38, 12.867,
291.350

 28, 12.867,
291.350

 18, 12.867,
291.350

 8, 12.867, 291.350

0, 12.867, 291.350

78, 12.867,
291.350

78, 12.867,
291.350

71, 24.890,
292.589

85, 1.324, 290.337

64, 37.435,
294.055

92, 9.771, 109.384

57, 50.524,
295.766

99, 20.243,
108.645

50, 64.125,
297.726

43, 78.057,
299.883

37, 91.778,
302.100

■ 32, 104.088,
304.110

■ 28, 113.097,
305.566

■ 26, 117.621,
306.286

Harmonies

Complementary

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



78, 12.867, 291.350



85, 12.539, 109.095

Rectangle

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



78, 12.867, 291.350



78, 12.867, 341.350



78, 12.867, 111.350



78, 12.867, 161.350

Sweetspot

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



78, 12.865, 291.346



98, 3.915, 290.489



84, 8.433, 197.431



52, 2.971, 290.566



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, 12.865, 291.346



89, 17.275, 291.573



79, 13.543, 308.988



41, 6.500, 291.150



20, 99.119, 306.286



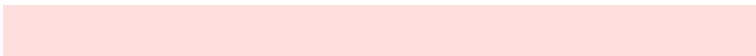
2, 27.575, 294.040

Inverse Universe

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



79, 9.037, 20.060



91, 12.182, 20.219



85, 13.325, 127.990



42, 4.550, 19.921



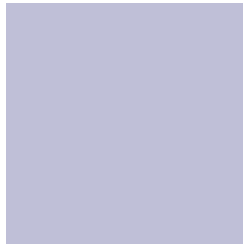
35, 77.345, 39.895



5, 22.000, 19.762

Previews

White Background



This preview shows how the CIELCh color 78, 12.867, 291.350 looks on a white background.

Color Contrast Check

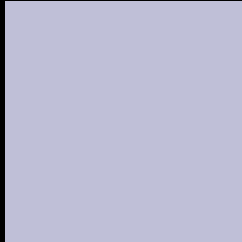
Large Text (above 18pt) WCAG AA × Fail

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, 12.867, 291.350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

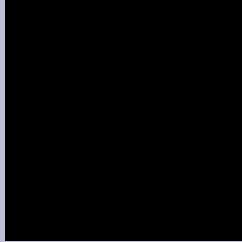
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 12.867, 291.350

Background



This preview shows how black text looks on a background with the CIELCh color 78, 12.867, 291.350.



This preview shows how white text looks on a background with the CIELCh color 78, 12.867, 291.350.

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, 12.867, 291.350

Protanopia

78, 12.867, 289.797

Deuteranopia

78, 15.771, 308.418



Tritanopia
78, 8.059, 285.858

Trichromacy



Original Color
78, 12.867, 291.350

Protanomaly
78, 12.867, 289.797

Deuteranomaly
78, 14.802, 302.423

Tritanomaly
78, 9.659, 286.869

Monochromacy



Original Color
78, 12.867, 291.350

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 4.822, 290.629

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 12.867, 291.350 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(191, 191, 215)` looks like.

```
.text, #text, p{  
    color:rgb(191, 191, 215)  
}
```

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(191, 191, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 191, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 12.867, 291.350 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(191, 191, 215) }
```

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

```
.border{ border-color:rgb(191, 191, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 191, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 191, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 191, 215);  
box-shadow:4px 4px 4px 4px rgb(191, 191,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 12.867, 291.350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 191, 215) }
```

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

```
.background{ background-color: rgb(191,  
191, 215) }
```

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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