

Converting Colors

CIELCh(78, 29.578, 307.905)

Have a look what the booklet for
CIELCh(78, 29.578, 307.905)
contains.

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Color

CIELCh(78, 29.624, 307.894)

Conversions

Conversions Part 1

Format	Color
Hex	CEB7EC
RGB	206, 183, 236
RGB Percent	81%, 72%, 93%
CMY	0.1911, 0.2813, 0.0734
CMYK	0.13, 0.22, 0.00, 0.07
HSL	266°, 59%, 82%
HSV	266°, 22%, 93%
XYZ	57.7007, 53.2120, 86.8015
YIQ	195.9190, -3.3050, 21.3590

Conversions

Conversions Part 2

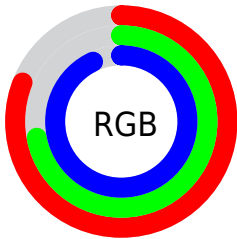
Format	Color
R _Y B	206, 183, 236
Decimal	13547500
CIE Lab	78.00, 18.20, -23.38
CIE LCh	78, 29.624, 307.894
Yxy	53.2120, 0.2918, 0.2691
Android (android.graphics.Color)	4291737580 (0xFFCEB7EC)
YUV	195.9190, 19.7599, 8.8410
Hunter-Lab	72.9466, 13.5370, -19.4886

Details

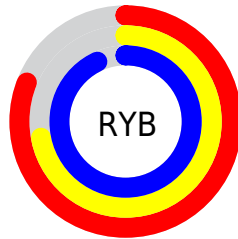
The CIELCh color $78, 29.624, 307.894$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $91, 28.587, 125.638$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $96, 9.976, 324.758$, and $58, 29.548, 307.711$ is the 20% darker color. If you saturate the color by 10%, you get $71, 43.425, 308.496$, and if you desaturate by 10%, it is $85, 16.172, 307.336$.

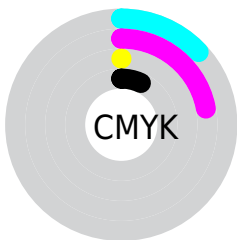
Distribution



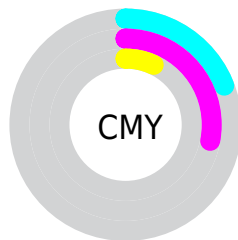
- Red (81%)
- Green (72%)
- Blue (93%)



- Red (81%)
- Yellow (72%)
- Blue (93%)



- Cyan (13%)
- Magenta (22%)
- Yellow (0%)
- Black (7%)




- Cyan (19%)
- Magenta (28%)
- Yellow (7%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 29.624, 307.894 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, 29.624, 307.894 by changing the saturation by 10% instead.

 78, 29.624,
307.894

 78, 29.624,
307.894

 100, 29.624,
307.894


 68, 29.624,
307.894


 98, 29.624,
307.894

 58, 29.624,
307.894

 48, 29.624,
307.894

 38, 29.624,
307.894

 28, 29.624,
307.894

 18, 29.624,
307.894

 8, 29.624, 307.894

0, 29.624, 307.894

78, 29.624,
307.894

78, 29.624,
307.894

71, 43.425,
308.496

85, 16.172,
307.336

64, 57.469,
309.129

92, 3.124, 306.808

58, 71.533,
309.763

99, 9.506, 126.409

100, 9.475,
109.460

52, 85.214,
310.342

46, 97.853,
310.783

41, 108.493,
310.964

■ 38,116.053,
310.747

■ 36,119.676,
310.330

Harmonies

Complementary

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



78, 29.624, 307.894



91, 28.587, 125.638

Rectangle

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



78, 29.624, 307.894



78, 29.624, 357.894



78, 29.624, 127.894



78, 29.624, 177.894

Sweetspot

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



78, 29.622, 307.893



95, 9.606, 307.054



84, 15.434, 250.965



50, 6.247, 307.085



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, 29.622, 307.893



80, 38.179, 308.170



80, 33.102, 323.772



45, 7.312, 307.180



27, 97.840, 310.517



4, 37.335, 309.410

Inverse Universe

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



80, 25.030, 342.116



83, 32.106, 342.563



89, 32.989, 141.299



46, 6.235, 340.962



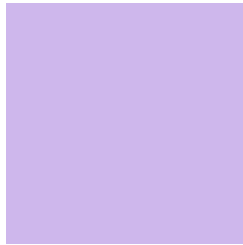
39, 66.680, 355.829



8, 29.350, 350.366

Previews

White Background



This preview shows how the CIELCh color 78, 29.624, 307.894 looks on a white background.

Color Contrast Check

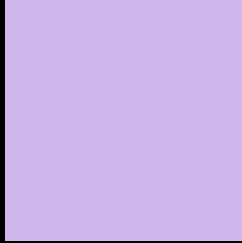
Large Text (above 18pt) WCAG AA × Fail

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, 29.624, 307.894 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, 29.624, 307.894

Background



This preview shows how black text looks on a background with the CIELCh color 78, 29.624, 307.894.



This preview shows how white text looks on a background with the CIELCh color 78, 29.624, 307.894.

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, 29.624, 307.894

Protanopia

78, 27.420, 285.854

Deuteranopia

78, 24.682, 293.164



Tritanopia
78, 9.190, 319.111

Trichromacy



Original Color
78, 29.624, 307.894

Protanomaly
78, 27.923, 294.023

Deuteranomaly
78, 25.999, 299.142

Tritanomaly
78, 16.631, 311.432

Monochromacy



Original Color
78, 29.624, 307.894

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 11.227, 307.741

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 29.624, 307.894 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(206, 183, 236)` looks like.

```
.text, #text, p{  
    color:rgb(206, 183, 236)  
}
```

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(206, 183, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 183, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 29.624, 307.894 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(206, 183, 236) }
```

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

```
.border{ border-color:rgb(206, 183, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 183, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 183, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 183, 236);  
box-shadow:4px 4px 4px 4px rgb(206, 183,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 29.624, 307.894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 183, 236) }
```

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

```
.background{ background-color: rgb(206,  
183, 236) }
```

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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