

Converting Colors

CIELCh(78, 20.602, 306.559)

Have a look what the booklet for
CIELCh(78, 20.602, 306.559)
contains.

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Color

CIELCh(78, 20.602, 306.559)

Conversions

Conversions Part 1

Format	Color
Hex	CABBE0
RGB	202, 187, 224
RGB Percent	79%, 73%, 88%
CMY	0.2096, 0.2683, 0.1233
CMYK	0.10, 0.17, 0.00, 0.12
HSL	264°, 37%, 80%
HSV	264°, 17%, 88%
XYZ	55.3125, 53.2120, 77.5606
YIQ	195.7030, -2.9370, 14.6870

Conversions

Conversions Part 2

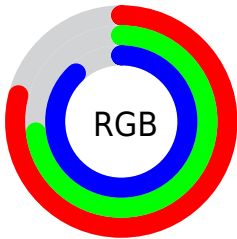
Format	Color
R _{YB}	202, 187, 224
Decimal	13286368
CIE Lab	78.00, 12.27, -16.55
CIE LCh	78, 20.602, 306.559
Yxy	53.2120, 0.2972, 0.2860
Android (android.graphics.Color)	4291476448 (0xFFCABBE0)
YUV	195.7030, 13.9504, 5.5225
Hunter-Lab	72.9466, 7.6930, -11.9777

Details

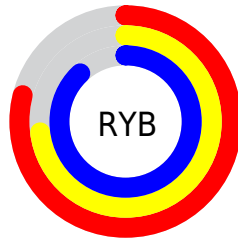
The CIELCh color `78, 20.602, 306.559` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `87, 20.046, 124.878`, and the grayscale version is `79, 0.010, 296.813`.

A 20% lighter version of the original color is `97, 7.476, 324.660`, and `58, 20.646, 306.595` is the 20% darker color. If you saturate the color by 10%, you get `71, 33.565, 307.162`, and if you desaturate by 10%, it is `85, 8.021, 306.007`.

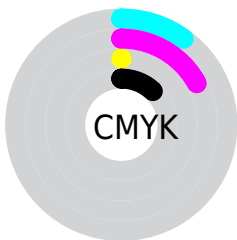
Distribution



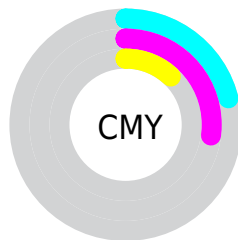
- Red (79%)
- Green (73%)
- Blue (88%)



- Red (79%)
- Yellow (73%)
- Blue (88%)



- Cyan (10%)
- Magenta (17%)
- Yellow (0%)
- Black (12%)





- Cyan (21%)
- Magenta (27%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 20.602, 306.559 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, 20.602, 306.559 by changing the saturation by 10% instead.


 78, 20.602,
306.559


 78, 20.602,
306.559


 100, 20.602,
306.559


 68, 20.602,
306.559


 98, 20.602,
306.559

 58, 20.602,
306.559

 48, 20.602,
306.559

 38, 20.602,
306.559

 28, 20.602,
306.559

 18, 20.602,
306.559

 8, 20.602, 306.559

0, 20.602, 306.559

78, 20.602,
306.559

78, 20.602,
306.559

71, 33.565,
307.162

85, 8.021, 306.007

91, 4.153, 125.557

65, 46.857,
307.815

98, 15.925,
125.114

58, 60.347,
308.498

99, 15.907,
109.315

52, 73.779,
309.174

99, 15.906,
108.975

46, 86.694,
309.777

41, 98.347,
310.204

■ 37,107.712,
310.319

■ 34,113.792,
309.986

■ 33,115.423,
309.830

Harmonies

Complementary

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



78, 20.602, 306.559



87, 20.046, 124.878

Rectangle

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



78, 20.602, 306.559



78, 20.602, 356.559



78, 20.602, 126.559



78, 20.602, 176.559

Sweetspot

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



78, 20.600, 306.558



96, 6.806, 305.927



83, 10.758, 245.923



51, 4.648, 305.964



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, 20.600, 306.558



85, 27.868, 306.769



80, 23.070, 322.510



44, 7.014, 306.162



25, 96.331, 310.000



3, 32.840, 306.767

Inverse Universe

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



79, 17.919, 340.157



87, 24.164, 340.469



86, 22.974, 140.819



44, 6.132, 339.562



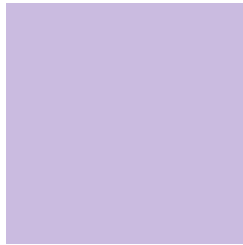
38, 66.047, 353.232



7, 27.614, 347.949

Previews

White Background



This preview shows how the CIELCh color 78, 20.602, 306.559 looks on a white background.

Color Contrast Check

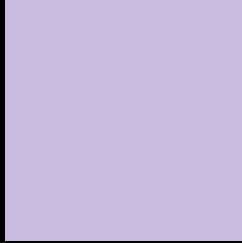
Large Text (above 18pt) WCAG AA × Fail

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, 20.602, 306.559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

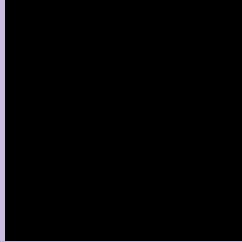
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 20.602, 306.559

Background



This preview shows how black text looks on a background with the CIELCh color 78, 20.602, 306.559.



This preview shows how white text looks on a background with the CIELCh color 78, 20.602, 306.559.

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, 20.602, 306.559

Protanopia

78, 19.331, 286.912

Deuteranopia

78, 19.095, 301.235



Tritanopia
78, 8.714, 312.769

Trichromacy



Original Color
78, 20.602, 306.559

Protanomaly
78, 19.901, 294.916

Deuteranomaly
78, 19.839, 303.994

Tritanomaly
78, 12.995, 308.796

Monochromacy



Original Color
78, 20.602, 306.559

Achromatopsia
79, 0.010, 296.813

Achromatomaly
78, 7.218, 305.250

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 20.602, 306.559 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(202, 187, 224)` looks like.

```
.text, #text, p{  
    color:rgb(202, 187, 224)  
}
```

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(202, 187, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 187, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 20.602, 306.559 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(202, 187, 224) }
```

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

```
.border{ border-color:rgb(202, 187, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 187, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 187, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 187, 224);  
box-shadow:4px 4px 4px 4px rgb(202, 187,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 20.602, 306.559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 187, 224) }
```

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

```
.background{ background-color: rgb(202,  
187, 224) }
```

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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