

Converting Colors

CIELCh(78, 6.743, 327.270)

Have a look what the booklet for
CIELCh(78, 6.743, 327.270) contains.

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Color

CIELCh(78, 6.736, 327.268)

Conversions

Conversions Part 1

Format	Color
Hex	C9BEC8
RGB	201, 190, 200
RGB Percent	79%, 75%, 78%
CMY	0.2131, 0.2562, 0.2170
CMYK	0.00, 0.05, 0.00, 0.21
HSL	305°, 9%, 77%
HSV	305°, 5%, 79%
XYZ	52.7282, 53.2120, 61.9335
YIQ	194.4290, 3.3460, 5.4420

Conversions

Conversions Part 2

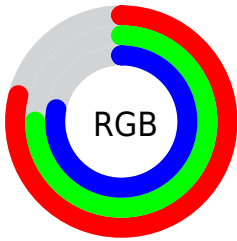
Format	Color
R_{YB}	201, 190, 200
Decimal	13221576
CIE _{Lab}	78.00, 5.67, -3.64
CIE _{LCh}	78, 6.736, 327.268
Yxy	53.2120, 0.3141, 0.3170
Android (android.graphics.Color)	4291411656 (0xFFC9BEC8)
YUV	194.4290, 2.7465, 5.7628
Hunter-Lab	72.9466, 1.3692, 0.7239

Details

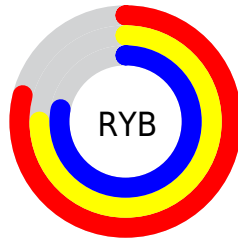
The CIELCh color $78, 6.736, 327.268$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $80, 6.715, 146.718$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $98, 5.604, 324.582$, and $58, 6.452, 327.618$ is the 20% darker color. If you saturate the color by 10%, you get $73, 19.129, 327.872$, and if you desaturate by 10%, it is $83, 5.491, 146.799$.

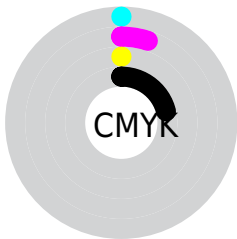
Distribution



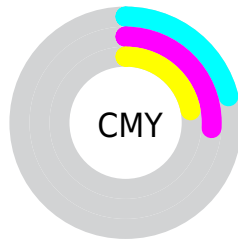
- Red (79%)
- Green (75%)
- Blue (78%)



- Red (79%)
- Yellow (75%)
- Blue (78%)



- Cyan (0%)
- Magenta (5%)
- Yellow (0%)
- Black (21%)



- Cyan (21%)
- Magenta (26%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 6.736, 327.268 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, 6.736, 327.268 by changing the saturation by 10% instead.

■ 78, 6.736, 327.268

■ 78, 6.736, 327.268

■ 100, 6.736,
327.268

■ 68, 6.736, 327.268

■ 98, 6.736, 327.268

■ 58, 6.736, 327.268

■ 48, 6.736, 327.268

■ 38, 6.736, 327.268

■ 28, 6.736, 327.268

■ 18, 6.736, 327.268

■ 8, 6.736, 327.268

■ 0, 6.736, 327.268

■ 78, 6.736, 327.268

■ 78, 6.736, 327.268

73, 19.129,
327.872

83, 5.491, 146.799

68, 31.536,
328.459

89, 17.446,
146.219

63, 43.713,
329.040

94, 29.075,
145.690

59, 55.324,
329.608

95, 31.427,
146.305

55, 65.937,
330.153

95, 30.682,
147.346

52, 75.049,
330.669

95, 29.945,
148.436

50, 82.163,
331.153

95, 29.217,
149.578

48, 86.916,
331.608

95, 28.500,
150.774

47, 89.229,

96, 27.792,
152.029

Harmonies

Complementary

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



78, 6.736, 327.268



80, 6.715, 146.718

Rectangle

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



78, 6.736, 327.268



78, 6.736, 17.268



78, 6.736, 147.268



78, 6.736, 197.268

Sweetspot

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



78, 6.734, 327.269



99, 2.984, 327.002



77, 5.921, 293.928



53, 1.697, 326.990



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, 6.734, 327.269



96, 10.462, 327.371



78, 4.769, 348.789



40, 5.543, 327.396



38, 77.114, 332.177



4, 24.725, 330.217

Inverse Universe

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



78, 6.734, 327.269



96, 10.462, 327.371



80, 4.713, 168.017



40, 5.543, 327.396



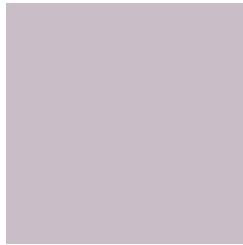
38, 77.114, 332.177



4, 24.725, 330.217

Previews

White Background



This preview shows how the CIELCh color 78, 6.736, 327.268 looks on a white background.

Color Contrast Check

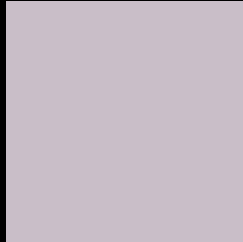
Large Text (above 18pt) WCAG AA × Fail

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, 6.736, 327.268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

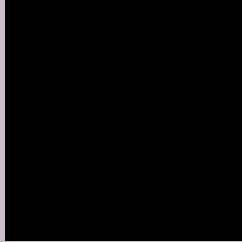
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

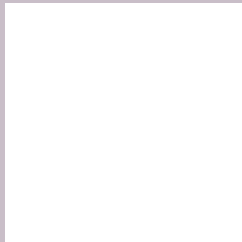
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 6.736, 327.268

Background



This preview shows how black text looks on a background with the CIELCh color 78, 6.736, 327.268.



This preview shows how white text looks on a background with the CIELCh color 78, 6.736, 327.268.

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, 6.736, 327.268

Protanopia

78, 4.891, 299.138

Deuteranopia

78, 10.435, 338.468



Tritanopia
78, 9.190, 319.111

Trichromacy



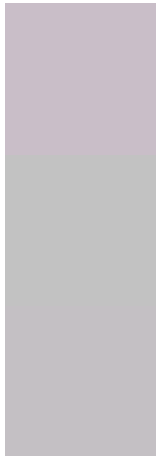
Original Color
78, 6.736, 327.268

Protanomaly
78, 5.686, 309.265

Deuteranomaly
78, 8.997, 334.571

Tritanomaly
78, 8.269, 322.649

Monochromacy



Original Color
78, 6.736, 327.268

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 2.617, 324.456

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 6.736, 327.268 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(201, 190, 200)` looks like.

```
.text, #text, p{  
    color:rgb(201, 190, 200)  
}
```

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(201, 190, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 190, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 6.736, 327.268 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(201, 190, 200) }
```

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

```
.border{ border-color:rgb(201, 190, 200) }
```

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

Here you see how a box with a 4 pixel rgb(201, 190, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 190, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 190, 200);  
box-shadow:4px 4px 4px 4px rgb(201, 190,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 6.736, 327.268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 190, 200) }
```

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

```
.background{ background-color: rgb(201,  
190, 200) }
```

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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