

Converting Colors

CIELCh(79, 50.171, 293.745)

Have a look what the booklet for
CIELCh(79, 50.171, 293.745)
contains.

CIELCh(78, 36.465, 292.429)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(78, 36.465, 292.429)

Conversions

Conversions Part 1

Format	Color
Hex	B9BBFF
RGB	185, 187, 255
RGB Percent	73%, 73%, 100%
CMY	0.2736, 0.2658, 0.0000
CMYK	0.27, 0.27, 0.00, 0.00
HSL	238°, 100%, 86%
HSV	238°, 27%, 100%
XYZ	55.9674, 53.2120, 102.1281
YIQ	194.1540, -23.0200, 20.7240

Conversions

Conversions Part 2

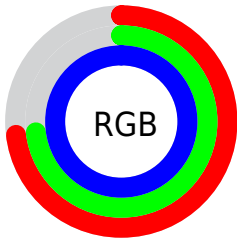
Format	Color
R _Y B	185, 187, 255
Decimal	12172287
CIE Lab	78.00, 13.91, -33.71
CIE LCh	78, 36.465, 292.429
Yxy	53.2120, 0.2649, 0.2518
Android (android.graphics.Color)	4290362367 (0xFFB9BBFF)
YUV	194.1540, 29.9971, -8.0281
Hunter-Lab	72.9466, 9.2957, -31.9458

Details

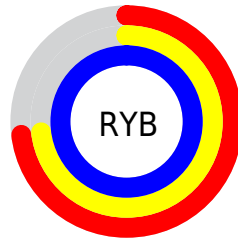
The CIELCh color **78, 36.465, 292.429** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **98, 34.136, 106.276**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 6.161, 287.455**, and **58, 36.409, 292.250** is the 20% darker color. If you saturate the color by 10%, you get **70, 50.680, 294.082**, and if you desaturate by 10%, it is **86, 22.588, 290.994**.

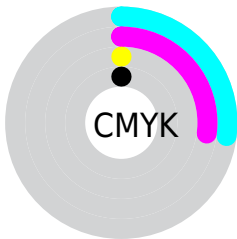
Distribution



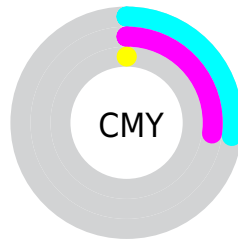
- Red (73%)
- Green (73%)
- Blue (100%)



- Red (73%)
- Yellow (73%)
- Blue (100%)



- Cyan (27%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)





- Cyan (27%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 36.465, 292.429 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, 36.465, 292.429 by changing the saturation by 10% instead.


 78, 36.465,
292.429


 78, 36.465,
292.429


 100, 36.465,
292.429


 68, 36.465,
292.429


 98, 36.465,
292.429

 58, 36.465,
292.429

 48, 36.465,
292.429

 38, 36.465,
292.429

 28, 36.465,
292.429

 18, 36.465,
292.429

 8, 36.465, 292.429

0, 36.465, 292.429

78, 36.465,
292.429

78, 36.465,
292.429

70, 50.680,
294.082

86, 22.588,
290.994

62, 65.626,
296.013

94, 9.394, 289.795

54, 81.082,
298.190

100, 0.012,
296.813

47, 96.691,
300.519

41, 111.538,
302.796

36, 123.871,
304.698

■ 33, 131.544,
305.893

■ 33, 132.699,
306.057

Harmonies

Complementary

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



78, 36.465, 292.429



98, 34.136, 106.276

Rectangle

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



78, 36.465, 292.429



78, 36.465, 342.429



78, 36.465, 112.429



78, 36.465, 162.429

Sweetspot

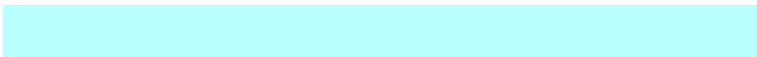
The Sweet Spot groups the original color and five complimentary colors.



78, 36.337, 292.414



94, 10.221, 289.866



96, 22.662, 194.972



49, 7.284, 290.035



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, 36.337, 292.414



73, 44.351, 293.322



80, 38.896, 309.289



49, 7.284, 290.035



23, 106.495, 305.958



4, 43.221, 301.285

Inverse Universe

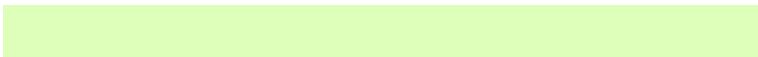
The Inverse Universe completely reimagines the original color for something new.



82, 27.022, 19.437



78, 33.241, 20.181



96, 37.319, 126.586



49, 5.253, 17.630



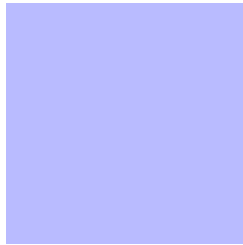
40, 82.969, 38.891



10, 33.132, 26.035

Previews

White Background



This preview shows how the CIELCh color 78, 36.465, 292.429 looks on a white background.

Color Contrast Check

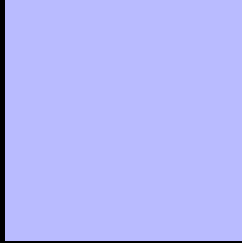
Large Text (above 18pt) WCAG AA × Fail

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, 36.465, 292.429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

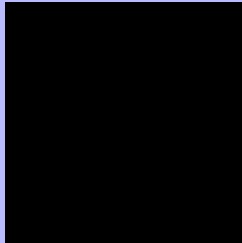
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 36.465, 292.429

Background



This preview shows how black text looks on a background with the CIELCh color 78, 36.465, 292.429.



This preview shows how white text looks on a background with the CIELCh color 78, 36.465, 292.429.

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, 36.465, 292.429

Protanopia

78, 34.983, 285.651

Deuteranopia

78, 34.899, 287.129



Tritanopia
78, 10.659, 252.874

Trichromacy



Original Color
78, 36.465, 292.429

Protanomaly
78, 35.416, 288.279

Deuteranomaly
78, 35.381, 289.266

Tritanomaly
78, 19.139, 278.749

Monochromacy



Original Color
78, 36.465, 292.429

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 12.854, 289.791

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 36.465, 292.429 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(185, 187, 255)` looks like.

```
.text, #text, p{  
    color:rgb(185, 187, 255)  
}
```

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(185, 187, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 187, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 36.465, 292.429 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(185, 187, 255) }
```

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

```
.border{ border-color:rgb(185, 187, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 187, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 187, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 187, 255);  
box-shadow:4px 4px 4px 4px rgb(185, 187,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 36.465, 292.429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 187, 255) }
```

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

```
.background{ background-color: rgb(185,  
187, 255) }
```

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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