

Converting Colors

CIELCh(78, 86.392, 116.603)

Have a look what the booklet for
CIELCh(78, 86.392, 116.603)
contains.

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Color

CIELCh(78, 86.386, 116.662)

Conversions

Conversions Part 1

Format	Color
Hex	A0D101
RGB	160, 209, 1
RGB Percent	63%, 82%, 0%
CMY	0.3716, 0.1795, 0.9971
CMYK	0.23, 0.00, 1.00, 0.18
HSL	74°, 99%, 41%
HSV	74°, 100%, 82%
XYZ	37.4047, 53.2120, 8.3197
YIQ	170.6370, 37.5640, -75.0760

Conversions

Conversions Part 2

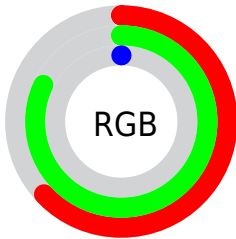
Format	Color
R_{YB}	1, 209, 50
Decimal	10539265
CIE _{Lab}	78.00, -38.76, 77.20
CIE _{LCh}	78, 86.386, 116.662
Yxy	53.2120, 0.3781, 0.5378
Android (android.graphics.Color)	4288729345 (0xFFA0D101)
YUV	170.6370, -83.6310, -9.3286
Hunter-Lab	72.9466, -36.1274, 44.3004

Details

The CIELCh color **78, 86.386, 116.662** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **28, 112.927, 307.512**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 81.171, 114.469**, and **58, 70.864, 121.434** is the 20% darker color. If you saturate the color by 10%, you get **78, 86.471, 116.692**, and if you desaturate by 10%, it is **78, 83.631, 115.895**.

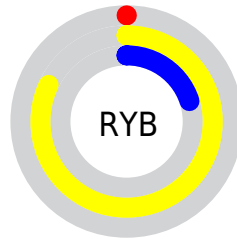
Distribution



Red (63%)

Green (82%)

Blue (0%)



Red (0%)

Yellow (82%)

Blue (20%)

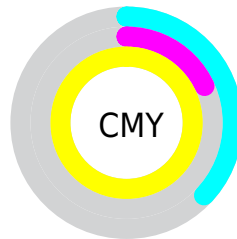


Cyan (23%)

Magenta (0%)

Yellow (100%)

Black (18%)



Cyan (37%)


Magenta (18%)

Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 86.386, 116.662 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, 86.386, 116.662 by changing the saturation by 10% instead.


 78, 86.386,
116.662


 78, 86.386,
116.662


 100, 86.386,
116.662


 68, 86.386,
116.662

 98, 86.386,
116.662

 58, 86.386,
116.662

 48, 86.386,
116.662

 38, 86.386,
116.662

 28, 86.386,
116.662

 18, 86.386,
116.662

 8, 86.386, 116.662

■ 0, 86.386, 116.662

■ 78, 86.386,
116.662

■ 78, 86.386,
116.662

■ 78, 86.471,
116.692

■ 78, 83.631,
115.895

■ 79, 78.839,
115.508

■ 79, 71.969,
115.500

■ 80, 63.498,
115.772

■ 80, 53.921,
116.229

■ 81, 43.628,
116.798

■ 82, 32.895,
117.425

■ 82, 21.904,
118.076

■ 83, 10.779,
118.727

Harmonies

Complementary

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



78, 86.386, 116.662



28, 112.927, 307.512

Rectangle

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



78, 86.386, 116.662



78, 86.386, 166.662



78, 86.386, 296.662



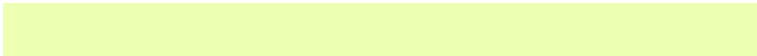
78, 86.386, 346.662

Sweetspot

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



78, 86.386, 116.664



97, 39.060, 117.381



47, 84.230, 44.383



51, 26.565, 117.110



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, 86.386, 116.664



93, 100.456, 116.834



74, 100.110, 133.803



44, 6.333, 118.743



64, 73.467, 116.504



15, 24.156, 117.952

Inverse Universe

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



28, 112.927, 307.512



34, 131.464, 307.434



40, 102.474, 318.385



40, 6.461, 299.962



21, 96.031, 307.633



2, 25.840, 299.136

Previews

White Background



This preview shows how the CIELCh color 78, 86.386, 116.662 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, 86.386, 116.662 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, 86.386, 116.662

Background



This preview shows how black text looks on a background with the CIELCh color 78, 86.386, 116.662.



This preview shows how white text looks on a background with the CIELCh color 78, 86.386, 116.662.

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, 86.295, 116.683

Protanopia

78, 79.366, 95.102

Deuteranopia

78, 74.451, 82.243



Tritanopia
78, 9.926, 259.211

Trichromacy



Original Color
78, 86.295, 116.683

Protanomaly
78, 80.424, 103.791

Deuteranomaly
77, 75.838, 96.378

Tritanomaly
77, 36.502, 124.754

Monochromacy



Original Color
78, 86.295, 116.683

Achromatopsia
70, 0.009, 296.813

Achromatomaly
72, 40.859, 116.811

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 86.386, 116.662 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(160, 209, 1)` looks like.

```
.text, #text, p{  
    color:rgb(160, 209, 1)  
}
```

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(160, 209, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 209, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 86.386, 116.662 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(160, 209, 1) }
```

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

```
.border{ border-color:rgb(160, 209, 1) }
```

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

Here you see how a box with a 4 pixel rgb(160, 209, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 209, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 209, 1);  
box-shadow:4px 4px 4px 4px rgb(160, 209,  
1) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 86.386, 116.662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 209, 1) }
```

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

```
.background{ background-color: rgb(160,  
209, 1) }
```

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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