

Converting Colors

CIELCh(73, 78.175, 110.258)

Have a look what the booklet for
CIELCh(73, 78.175, 110.258)
contains.

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Color

CIELCh(73, 78.155, 110.279)

Conversions

Conversions Part 1

Format	Color
Hex	A7BE04
RGB	167, 190, 4
RGB Percent	65%, 75%, 2%
CMY	0.3442, 0.2541, 0.9858
CMYK	0.12, 0.00, 0.98, 0.25
HSL	67°, 96%, 38%
HSV	67°, 98%, 75%
XYZ	34.4609, 45.1644, 7.0045
YIQ	161.9190, 45.9980, -62.7220

Conversions

Conversions Part 2

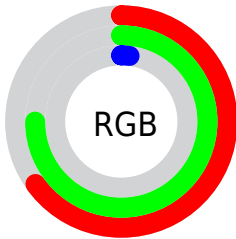
Format	Color
RYB	4, 190, 27
Decimal	10993156
CIELab	73.00, -27.09, 73.31
CIELCh	73, 78.155, 110.279
Yxy	45.1644, 0.3978, 0.5213
Android (android.graphics.Color)	4289183236 (0xFFA7BE04)
YUV	161.9190, -77.8541, 4.4560
Hunter-Lab	67.2044, -26.0770, 40.8635

Details

The CIELCh color **73, 78.155, 110.279** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **24, 105.611, 306.606**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 77.929, 110.186**, and **53, 62.553, 114.284** is the 20% darker color. If you saturate the color by 10%, you get **73, 78.567, 110.351**, and if you desaturate by 10%, it is **73, 75.565, 109.965**.

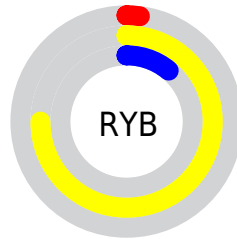
Distribution



Red (65%)

Green (75%)

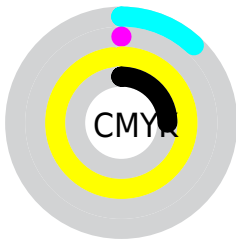
Blue (2%)



Red (2%)

Yellow (75%)

Blue (11%)

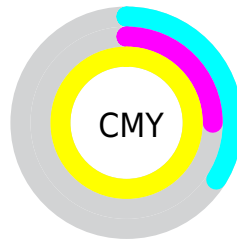


Cyan (12%)

Magenta (0%)

Yellow (98%)

Black (25%)



Cyan (34%)


Magenta (25%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 78.155, 110.279 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 73, 78.155, 110.279 by changing the saturation by 10% instead.


 73, 78.155,
110.279


 73, 78.155,
110.279


 100, 78.155,
110.279


 63, 78.155,
110.279


 93, 78.155,
110.279


 53, 78.155,
110.279

 43, 78.155,
110.279

 33, 78.155,
110.279

 23, 78.155,
110.279

 13, 78.155,
110.279

 3, 78.155, 110.279

■ 0, 78.155, 110.279

■ 73, 78.155,
110.279

■ 73, 78.155,
110.279

■ 73, 78.567,
110.351

■ 73, 75.565,
109.965

■ 73, 70.980,
109.958

■ 74, 64.522,
110.234

■ 74, 56.653,
110.721

■ 74, 47.819,
111.350

■ 75, 38.364,
112.066

■ 75, 28.527,
112.830

■ 76, 18.464,
113.612

■ 77, 8.280, 114.392

Harmonies

Complementary

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



73, 78.155, 110.279



24, 105.611, 306.606

Rectangle

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



73, 78.155, 110.279



73, 78.155, 160.279



73, 78.155, 290.279



73, 78.155, 340.279

Sweetspot

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



73, 78.155, 110.281



95, 36.409, 112.724



41, 80.784, 41.057



51, 25.104, 112.392



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



73, 78.155, 110.281



92, 95.737, 110.468



68, 90.023, 131.264



40, 5.756, 114.296



62, 68.499, 110.252



10, 17.129, 115.292

Inverse Universe

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



24, 105.611, 306.606



32, 129.997, 306.650



33, 96.961, 314.960



37, 5.880, 295.780



18, 92.866, 306.788



1, 17.488, 294.071

Previews

White Background



This preview shows how the CIELCh color 73, 78.155, 110.279 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 73, 78.155, 110.279 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 73, 78.155, 110.279

Background



This preview shows how black text looks on a background with the CIELCh color 73, 78.155, 110.279.

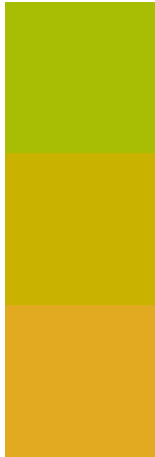


This preview shows how white text looks on a background with the CIELCh color 73, 78.155, 110.279.

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
73, 78.050, 110.297

Protanopia
73, 75.085, 94.888

Deuteranopia
73, 71.438, 82.485



Tritanopia
73, 7.853, 304.310

Trichromacy



Original Color
73, 78.050, 110.297

Protanomaly
73, 75.465, 100.820

Deuteranomaly
73, 71.961, 92.988

Tritanomaly
72, 31.572, 110.825

Monochromacy



Original Color
73, 78.050, 110.297

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 36.616, 111.733

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 78.155, 110.279 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(167, 190, 4)` looks like.

```
.text, #text, p{  
    color:rgb(167, 190, 4)  
}
```

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(167, 190, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 190, 4) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 78.155, 110.279 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(167, 190, 4) }
```

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

```
.border{ border-color:rgb(167, 190, 4) }
```

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

Here you see how a box with a 4 pixel rgb(167, 190, 4) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 190, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 190, 4);  
box-shadow:4px 4px 4px 4px rgb(167, 190,  
4) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 78.155, 110.279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 190, 4) }
```

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

```
.background{ background-color: rgb(167,  
190, 4) }
```

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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