

Converting Colors

CIELCh(11, 73.805, 306.636)

Have a look what the booklet for
CIELCh(11, 73.805, 306.636)
contains.

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Color

CIELCh(11, 73.493, 306.608)

Conversions

Conversions Part 1

Format	Color
Hex	070072
RGB	7, 0, 114
RGB Percent	3%, 0%, 45%
CMY	0.9723, 1.0000, 0.5529
CMYK	0.94, 1.00, 0.00, 0.55
HSL	244°, 100%, 22%
HSV	244°, 100%, 45%
XYZ	3.1265, 1.2610, 16.0033
YIQ	15.0890, -32.4220, 36.9380

Conversions

Conversions Part 2

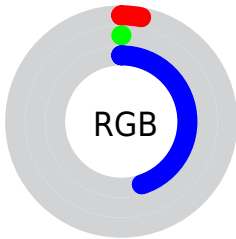
Format	Color
R_{YB}	7, 0, 114
Decimal	458866
CIE _{Lab}	11.00, 43.83, -59.00
CIE _{LCh}	11, 73.493, 306.608
Yxy	1.2610, 0.1533, 0.0618
Android (android.graphics.Color)	4278648946 (0xFF070072)
YUV	15.0890, 48.7631, -7.0941
Hunter-Lab	11.2295, 30.0470, -76.6345

Details

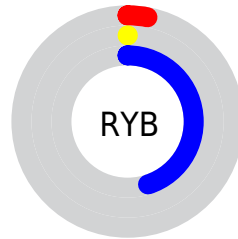
The CIELCh color **11, 73.493, 306.608** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **46, 53.650, 106.502**, and the grayscale version is **4, 0.001, 296.812**.

A 20% lighter version of the original color is **31, 73.595, 306.709**, and **4, 42.833, 301.048** is the 20% darker color. If you saturate the color by 10%, you get **11, 73.499, 306.610**, and if you desaturate by 10%, it is **13, 67.791, 305.254**.

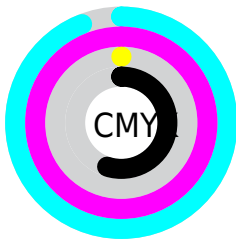
Distribution



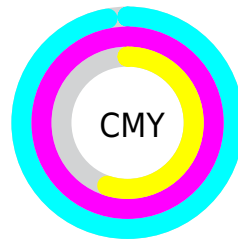
- Red (3%)
- Green (0%)
- Blue (45%)



- Red (3%)
- Yellow (0%)
- Blue (45%)



- Cyan (94%)
- Magenta (100%)
- Yellow (0%)
- Black (55%)



- Cyan (97%)
- Magenta (100%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 11, 73.493, 306.608 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 11, 73.493, 306.608 by changing the saturation by 10% instead.

■ 11, 73.493,
306.608

■ 11, 73.493,
306.608

■ 100, 73.493,
306.608

■ 1, 73.493, 306.608

■ 31, 73.493,
306.608

■ 0, 73.493, 306.608

■ 41, 73.493,
306.608


■ 51, 73.493,
306.608


■ 61, 73.493,
306.608


■ 71, 73.493,
306.608


■ 81, 73.493,


306.608


 91, 73.493,
306.608


 11, 73.493,
306.608


 11, 73.493,
306.608


 11, 73.499,
306.610

 13, 67.791,
305.254

 16, 61.223,
303.824

 19, 53.439,
302.094

 23, 45.231,
300.300

 27, 37.040,
298.594

■ 31, 29.062,
297.048

■ 35, 21.366,
295.687

■ 40, 13.965,
294.506

■ 44, 6.850, 293.489

Harmonies

Complementary

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



11, 73.493, 306.608



46, 53.650, 106.502

Rectangle

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



11, 73.493, 306.608



11, 73.493, 356.608



11, 73.493, 126.608



11, 73.493, 176.608

Sweetspot

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



11, 73.495, 306.609



46, 26.491, 295.786



41, 25.954, 204.310



21, 18.072, 296.208



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



11, 73.495, 306.609



16, 88.805, 306.526



17, 67.883, 313.577



21, 3.797, 293.395



12, 76.187, 306.592



31, 130.477, 306.420

Inverse Universe

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



26, 60.911, 330.738



34, 73.410, 330.807



42, 60.750, 128.906



22, 4.394, 326.600



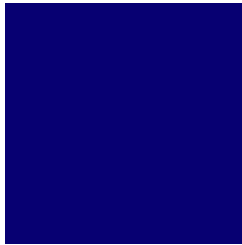
27, 63.106, 330.753



58, 107.489, 330.907

Previews

White Background



This preview shows how the CIELCh color 11, 73.493, 306.608 looks on a white background.

Color Contrast Check

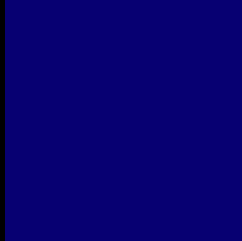
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the CIELCh color 11, 73.493, 306.608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

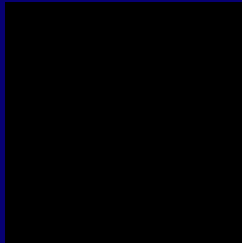
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 11, 73.493, 306.608

Background



This preview shows how black text looks on a background with the CIELCh color 11, 73.493, 306.608.



This preview shows how white text looks on a background with the CIELCh color 11, 73.493, 306.608.

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

11, 73.493, 306.608

Protanopia

13, 26.999, 281.371

Deuteranopia

13, 18.439, 263.007



Tritanopia
13, 13.144, 202.894

Trichromacy



Original Color
11, 73.493, 306.608

Protanomaly
11, 46.507, 298.738

Deuteranomaly
11, 40.488, 296.073

Tritanomaly
10, 31.652, 291.209

Monochromacy



Original Color
11, 73.493, 306.608

Achromatopsia
4, 0.001, 296.812

Achromatomaly
5, 29.467, 299.097

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 11, 73.493, 306.608 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(7, 0, 114)` looks like.

```
.text, #text, p{  
    color:rgb(7, 0, 114)  
}
```

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(7, 0, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 0, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 11, 73.493, 306.608 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(7, 0, 114) }
```

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

```
.border{ border-color:rgb(7, 0, 114) }
```

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

Here you see how a box with a 4 pixel rgb(7, 0, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 0, 114); -webkit-box-shadow:4px  
4px 4px 4px rgb(7, 0, 114); box-shadow:4px  
4px 4px 4px rgb(7, 0, 114) }
```

Background

The CSS property to change the background color of an element to CIELCh 11, 73.493, 306.608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 0, 114) }
```

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

```
.background{ background-color: rgb(7, 0,  
114) }
```

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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