

Converting Colors

CIELCh(8, 44.225, 286.769)

Have a look what the booklet for
CIELCh(8, 44.225, 286.769) contains.

CIELCh(11, 41.871, 296.035)	3
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Color

CIELCh(11, 41.871, 296.035)

Conversions

Conversions Part 1

Format	Color
Hex	011852
RGB	1, 24, 82
RGB Percent	0%, 9%, 32%
CMY	0.9943, 0.9068, 0.6786
CMYK	0.98, 0.71, 0.00, 0.68
HSL	223°, 97%, 16%
HSV	223°, 98%, 32%
XYZ	1.8607, 1.2610, 8.1171
YIQ	23.7350, -32.3260, 13.1620

Conversions

Conversions Part 2

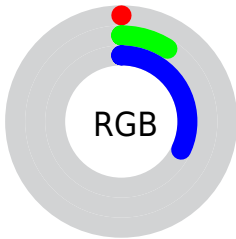
Format	Color
R _Y B	1, 19, 82
Decimal	71762
CIE Lab	11.00, 18.38, -37.62
CIE LCh	11, 41.871, 296.035
Yxy	1.2610, 0.1656, 0.1122
Android (android.graphics.Color)	4278261842 (0xFF011852)
YUV	23.7350, 28.7246, -19.9386
Hunter-Lab	11.2295, 9.9262, -34.9967

Details

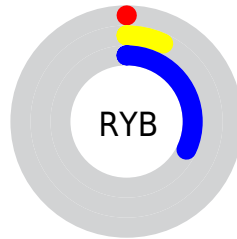
The CIELCh color **11, 41.871, 296.035** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **27, 35.755, 83.137**, and the grayscale version is **8, 0.002, 296.812**.

A 20% lighter version of the original color is **31, 41.879, 295.977**, and **2, 20.896, 290.401** is the 20% darker color. If you saturate the color by 10%, you get **11, 42.715, 296.462**, and if you desaturate by 10%, it is **13, 37.162, 293.318**.

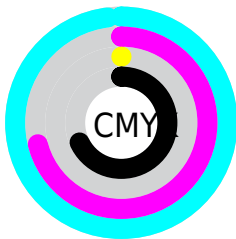
Distribution



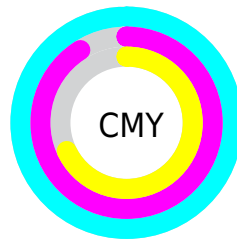
- Red (0%)
- Green (9%)
- Blue (32%)



- Red (0%)
- Yellow (7%)
- Blue (32%)



- Cyan (98%)
- Magenta (71%)
- Yellow (0%)
- Black (68%)



- Cyan (99%)
- Magenta (91%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 11, 41.871, 296.035 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, 41.871, 296.035 by changing the saturation by 10% instead.

■ 11, 41.871,
296.035

■ 11, 41.871,
296.035

■ 100, 41.871,
296.035

■ 1, 41.871, 296.035

■ 31, 41.871,
296.035

■ 0, 41.871, 296.035

■ 41, 41.871,
296.035


■ 51, 41.871,
296.035


■ 61, 41.871,
296.035


■ 71, 41.871,
296.035


■ 81, 41.871,


296.035


 91, 41.871,
296.035


 11, 41.871,
296.035


 11, 41.871,
296.035


 11, 42.715,
296.462

 13, 37.162,
293.318

 15, 32.529,
290.318

 18, 28.000,
287.516

 20, 23.597,
284.982

 23, 19.313,
282.738

■ 25, 15.138,
280.777

■ 28, 11.060,
279.074

■ 30, 7.069, 277.600

■ 33, 3.159, 276.333

Harmonies

Complementary

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



11, 41.871, 296.035



27, 35.755, 83.137

Rectangle

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



11, 41.871, 296.035



11, 41.871, 346.035



11, 41.871, 116.035



11, 41.871, 166.035

Sweetspot

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



11, 41.871, 296.037



36, 14.205, 279.365



30, 29.110, 165.421



16, 9.658, 279.770



74, 0.009, 296.813



22, 0.004, 296.813

Same Dimension

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



11, 41.871, 296.037



15, 53.383, 297.736



7, 55.811, 307.688



15, 2.142, 276.391



15, 52.328, 297.635



37, 100.499, 299.912

Inverse Universe

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



15, 37.276, 17.254



21, 46.050, 20.000



32, 43.045, 114.669



15, 2.160, 358.246



20, 45.234, 19.823



49, 83.083, 24.072

Previews

White Background



This preview shows how the CIELCh color 11, 41.871, 296.035 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, 41.871, 296.035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

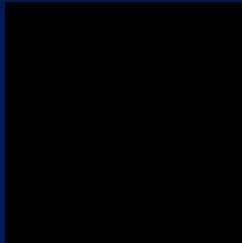
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 11, 41.871, 296.035

Background



This preview shows how black text looks on a background with the CIELCh color 11, 41.871, 296.035.



This preview shows how white text looks on a background with the CIELCh color 11, 41.871, 296.035.

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, 41.730, 295.810

Deuteranopia

11, 17.717, 264.512

Tritanopia

11, 12.658, 199.801

Trichromacy



Original Color
11, 41.730, 295.810

Deuteranomaly
11, 25.869, 282.715

Tritanomaly
11, 17.587, 266.042

Monochromacy



Original Color
11, 41.730, 295.810

Achromatopsia
8, 0.002, 296.813

Achromatomaly
9, 15.820, 284.895

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 11, 41.871, 296.035 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(1, 24, 82)` looks like.

```
.text, #text, p{  
    color:rgb(1, 24, 82)  
}
```

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(1, 24, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 24, 82) }
```

Border

The CSS property to change the border of an element to CIELCh 11, 41.871, 296.035 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(1, 24, 82) }
```

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

```
.border{ border-color:rgb(1, 24, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 24, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 24, 82); -webkit-box-shadow:4px  
4px 4px 4px rgb(1, 24, 82); box-shadow:4px  
4px 4px 4px rgb(1, 24, 82) }
```

Background

The CSS property to change the background color of an element to CIELCh 11, 41.871, 296.035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 24, 82) }
```

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

```
.background{ background-color: rgb(1, 24,  
82) }
```

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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