

Converting Colors

CIELCh(11, 26.522, 4.939)

Have a look what the booklet for
CIELCh(11, 26.522, 4.939) contains.

CIELCh(11, 26.497, 5.539)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(11, 26.497, 5.539)

Conversions

Conversions Part 1

Format	Color
Hex	3D091B
RGB	61, 9, 27
RGB Percent	24%, 4%, 11%
CMY	0.7612, 0.9651, 0.8944
CMYK	0.00, 0.85, 0.56, 0.76
HSL	339°, 74%, 14%
HSV	339°, 85%, 24%
XYZ	2.2120, 1.2610, 1.1589
YIQ	26.6000, 25.2140, 16.6220

Conversions

Conversions Part 2

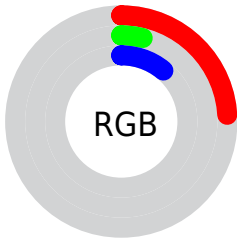
Format	Color
RYB	61, 9, 27
Decimal	4000027
CIELab	11.00, 26.37, 2.56
CIELCh	11, 26.497, 5.539
Yxy	1.2610, 0.4776, 0.2722
Android (android.graphics.Color)	4282190107 (0xFF3D091B)
YUV	26.6000, 0.1972, 30.1688
Hunter-Lab	11.2295, 15.5094, 1.7417

Details

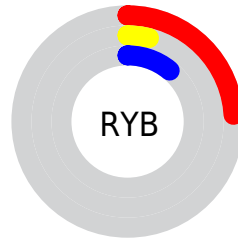
The CIELCh color **11, 26.497, 5.539** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **22, 22.696, 163.533**, and the grayscale version is **10, 0.003, 296.813**.

A 20% lighter version of the original color is **31, 26.494, 5.863**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **10, 29.056, 7.947**, and if you desaturate by 10%, it is **12, 24.055, 2.887**.

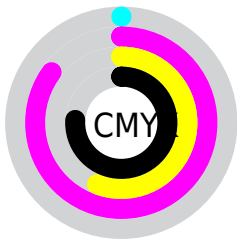
Distribution



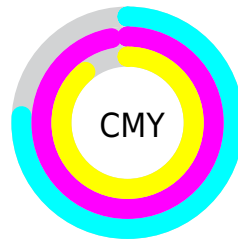
- Red (24%)
- Green (4%)
- Blue (11%)



- Red (24%)
- Yellow (4%)
- Blue (11%)



- Cyan (0%)
- Magenta (85%)
- Yellow (56%)
- Black (76%)




- Cyan (76%)
- Magenta (97%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 11, 26.497, 5.539 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, 26.497, 5.539 by changing the saturation by 10% instead.

 11, 26.497, 5.539  11, 26.497, 5.539

 100, 26.497, 5.539  1, 26.497, 5.539

 31, 26.497, 5.539  0, 26.497, 5.539

 41, 26.497, 5.539

 51, 26.497, 5.539

 61, 26.497, 5.539

 71, 26.497, 5.539

 81, 26.497, 5.539

 91, 26.497, 5.539

 11, 26.497, 5.539  11, 26.497, 5.539

■ 10, 29.056, 7.947

■ 12, 24.055, 2.887

■ 9, 30.370, 8.652

■ 14, 21.228, 0.709

■ 15, 18.118,
358.917

■ 17, 14.841,
357.418

■ 19, 11.497,
356.143

■ 21, 8.158, 355.039

■ 23, 4.875, 354.060

■ 25, 1.679, 353.127

■ 27, 1.414, 172.620

Harmonies

Complementary

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



11, 26.497, 5.539



22, 22.696, 163.533

Rectangle

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



11, 26.497, 5.539



11, 26.497, 55.539



11, 26.497, 185.539



11, 26.497, 235.539

Sweetspot

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



11, 26.496, 5.541



27, 10.411, 355.226



9, 37.287, 316.763



12, 7.133, 355.356



69, 0.009, 296.813



16, 0.003, 296.813

Same Dimension

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



11, 26.496, 5.541



14, 36.263, 11.397



12, 25.795, 34.815



10, 1.748, 353.422



18, 41.075, 12.846



47, 77.640, 17.543

Inverse Universe

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



11, 26.496, 5.541



14, 36.263, 11.397



20, 14.567, 218.763



10, 1.748, 353.422



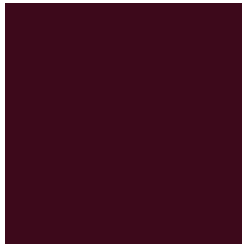
18, 41.075, 12.846



47, 77.640, 17.543

Previews

White Background



This preview shows how the CIELCh color 11, 26.497, 5.539 looks on a white background.

Color Contrast Check

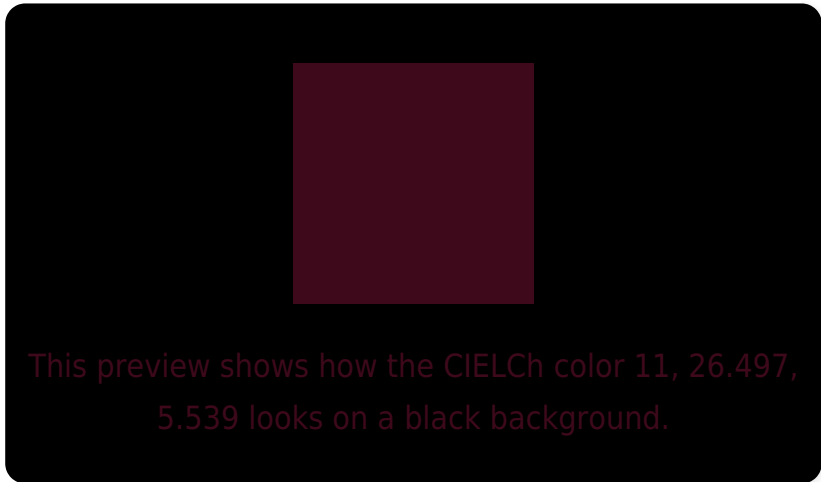
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



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, 26.497, 5.539

Background



This preview shows how black text looks on a background with the CIELCh color 11, 26.497, 5.539.



This preview shows how white text looks on a background with the CIELCh color 11, 26.497, 5.539.

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, 26.497, 5.539

Protanopia

12, 4.353, 285.346

Deuteranopia

12, 6.351, 71.855



Tritanopia
11, 25.807, 27.117

Trichromacy



Original Color

11, 26.497, 5.539

Protanomaly

11, 11.416, 343.828

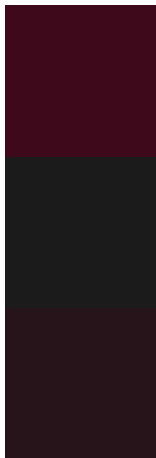
Deuteranomaly

11, 12.447, 16.953

Tritanomaly

11, 25.446, 20.580

Monochromacy



Original Color

11, 26.497, 5.539

Achromatopsia

10, 0.003, 296.813

Achromatomaly

9, 11.026, 355.740

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 11, 26.497, 5.539 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(61, 9, 27)` looks like.

```
.text, #text, p{  
    color:rgb(61, 9, 27)  
}
```

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(61, 9, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 9, 27) }
```

Border

The CSS property to change the border of an element to CIELCh 11, 26.497, 5.539 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(61, 9, 27) }
```

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

```
.border{ border-color:rgb(61, 9, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 9, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 9, 27); -webkit-box-shadow:4px  
4px 4px 4px rgb(61, 9, 27); box-shadow:4px  
4px 4px 4px rgb(61, 9, 27) }
```

Background

The CSS property to change the background color of an element to CIELCh 11, 26.497, 5.539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 9, 27) }
```

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

```
.background{ background-color: rgb(61, 9,  
27) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor