

Converting Colors

CIELCh(26, 26.899, 148.233)

Have a look what the booklet for
CIELCh(26, 26.899, 148.233)
contains.

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Color

CIELCh(26, 27.122, 148.164)

Conversions

Conversions Part 1

Format	Color
Hex	1B4627
RGB	27, 70, 39
RGB Percent	11%, 27%, 15%
CMY	0.8945, 0.7258, 0.8474
CMYK	0.62, 0.00, 0.44, 0.73
HSL	137°, 44%, 19%
HSV	137°, 62%, 27%
XYZ	2.9987, 4.7465, 2.6703
YIQ	53.6090, -15.6770, -18.7570

Conversions

Conversions Part 2

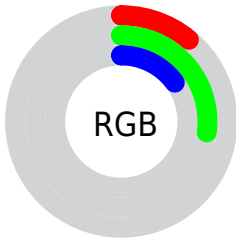
Format	Color
RYB	27, 61, 70
Decimal	1787431
CIELab	26.00, -23.04, 14.31
CIELCh	26, 27.122, 148.164
Yxy	4.7465, 0.2879, 0.4557
Android (android.graphics.Color)	4279977511 (0xFF1B4627)
YUV	53.6090, -7.2022, -23.3361
Hunter-Lab	21.7865, -13.5572, 7.9835

Details

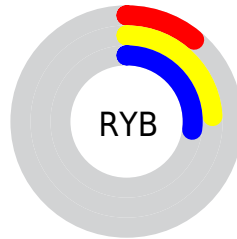
The CIELCh color **26, 27.122, 148.164** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **17, 27.160, 337.660**, and the grayscale version is **22, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 27.401, 147.881**, and **8, 18.838, 144.443** is the 20% darker color. If you saturate the color by 10%, you get **26, 30.946, 146.857**, and if you desaturate by 10%, it is **26, 23.021, 149.328**.

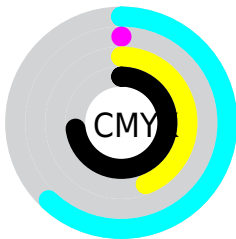
Distribution



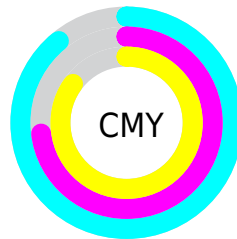
- Red (11%)
- Green (27%)
- Blue (15%)



- Red (11%)
- Yellow (24%)
- Blue (27%)



- Cyan (62%)
- Magenta (0%)
- Yellow (44%)
- Black (73%)





- Cyan (89%)
- Magenta (73%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 27.122, 148.164 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 26, 27.122, 148.164 by changing the saturation by 10% instead.

 26, 27.122,
148.164


 26, 27.122,
148.164

 100, 27.122,
148.164


 16, 27.122,
148.164


 46, 27.122,
148.164


 6, 27.122, 148.164

 56, 27.122,
148.164

 0, 27.122, 148.164

 66, 27.122,
148.164

 76, 27.122,
148.164

 86, 27.122,
148.164

 96, 27.122,

148.164

■ 26, 27.122,
148.164

■ 26, 27.122,
148.164

■ 26, 30.946,
146.857

■ 26, 23.021,
149.328

■ 25, 34.424,
145.408

■ 27, 18.712,
150.357

■ 25, 37.557,
143.921

■ 27, 14.265,
151.264

■ 25, 40.101,
142.929

■ 28, 9.743, 152.066

■ 29, 5.198, 152.783

■ 30, 0.676, 153.607

■ 30, 3.789, 333.887

■ 31, 8.172, 334.404

■ 32, 12.455,
334.856

Harmonies

Complementary

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



26, 27.122, 148.164



17, 27.160, 337.660

Rectangle

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



26, 27.122, 148.164



26, 27.122, 198.164



26, 27.122, 328.164



26, 27.122, 18.164

Sweetspot

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



26, 27.122, 148.164



37, 10.214, 152.272



28, 27.049, 117.366



18, 6.996, 152.162



71, 0.009, 296.813



19, 0.004, 296.813

Same Dimension

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



26, 27.122, 148.164



34, 39.632, 146.069



27, 17.861, 174.970



14, 2.556, 152.981



36, 52.383, 141.786



79, 99.105, 140.266

Inverse Universe

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



17, 27.160, 337.660



22, 38.855, 339.056



17, 22.066, 8.749



13, 2.567, 333.932



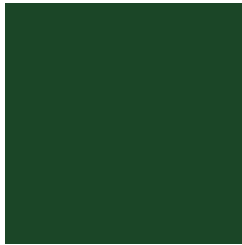
21, 47.408, 342.269



51, 85.462, 343.650

Previews

White Background



This preview shows how the CIE LCh color 26, 27.122, 148.164 looks on a white background.

Color Contrast Check

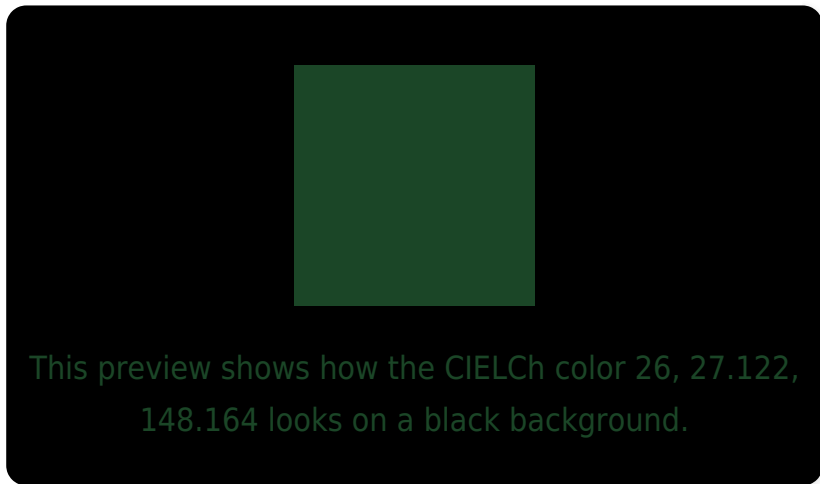
Large Text (above 18pt) WCAG AA ✓ Pass

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 26, 27.122, 148.164

Background



This preview shows how black text looks on a background with the CIELCh color 26, 27.122, 148.164.



This preview shows how white text looks on a background with the CIELCh color 26, 27.122, 148.164.

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

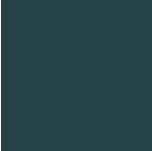
26, 27.122, 148.164

Protanopia

26, 16.435, 95.995

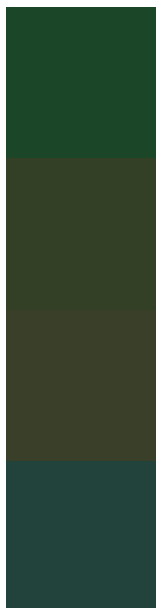
Deuteranopia

26, 13.568, 73.734



Tritanopia
26, 11.721, 217.526

Trichromacy



Original Color
26, 27.122, 148.164

Protanomaly
25, 18.313, 125.313

Deuteranomaly
26, 14.507, 118.927

Tritanomaly
26, 14.434, 178.400

Monochromacy



Original Color
26, 27.122, 148.164

Achromatopsia
23, 0.004, 296.813

Achromatomaly
24, 10.368, 153.013

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 27.122, 148.164 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(27, 70, 39)` looks like.

```
.text, #text, p{  
    color:rgb(27, 70, 39)  
}
```

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(27, 70, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 70, 39) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 27.122, 148.164 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(27, 70, 39) }
```

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

```
.border{ border-color:rgb(27, 70, 39) }
```

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

Here you see how a box with a 4 pixel rgb(27, 70, 39) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 70, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 70, 39);  
box-shadow:4px 4px 4px 4px rgb(27, 70, 39)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 27.122, 148.164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 70, 39) }
```

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

```
.background{ background-color: rgb(27, 70,  
39) }
```

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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