

Converting Colors

CIELCh(27, 29.394, 146.014)

Have a look what the booklet for
CIELCh(27, 29.394, 146.014)
contains.

CIELCh(27, 29.403, 146.110)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(27, 29.403, 146.110)

Conversions

Conversions Part 1

Format	Color
Hex	1C4926
RGB	28, 73, 38
RGB Percent	11%, 29%, 15%
CMY	0.8918, 0.7152, 0.8523
CMYK	0.62, 0.00, 0.48, 0.72
HSL	133°, 45%, 20%
HSV	133°, 62%, 28%
XYZ	3.1695, 5.0937, 2.6204
YIQ	55.5550, -15.5850, -20.4250

Conversions

Conversions Part 2

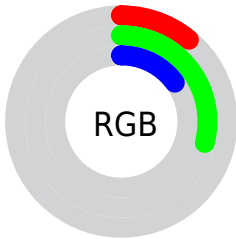
Format	Color
RYB	28, 65, 73
Decimal	1853734
CIELab	27.00, -24.41, 16.40
CIELCh	27, 29.403, 146.110
Yxy	5.0937, 0.2912, 0.4680
Android (android.graphics.Color)	4280043814 (0xFF1C4926)
YUV	55.5550, -8.6546, -24.1657
Hunter-Lab	22.5692, -14.4281, 8.9146

Details

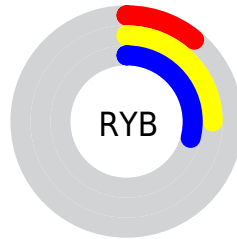
The CIELCh color **27, 29.403, 146.110** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **18, 29.248, 335.235**, and the grayscale version is **23, 0.004, 296.813**.

A 20% lighter version of the original color is **47, 29.383, 145.600**, and **9, 22.100, 144.361** is the 20% darker color. If you saturate the color by 10%, you get **27, 33.481, 144.823**, and if you desaturate by 10%, it is **27, 25.007, 147.262**.

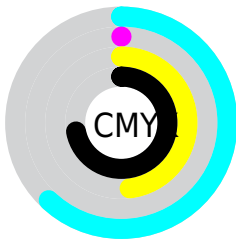
Distribution



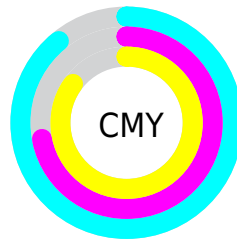
- Red (11%)
- Green (29%)
- Blue (15%)



- Red (11%)
- Yellow (25%)
- Blue (29%)



- Cyan (62%)
- Magenta (0%)
- Yellow (48%)
- Black (72%)





- Cyan (89%)
- Magenta (72%)
- Yellow (85%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 27, 29.403, 146.110 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 27, 29.403, 146.110 by changing the saturation by 10% instead.

 27, 29.403,
146.110


 27, 29.403,
146.110

 100, 29.403,
146.110


 17, 29.403,
146.110


 47, 29.403,
146.110


 7, 29.403, 146.110

 57, 29.403,
146.110

 0, 29.403, 146.110

 67, 29.403,
146.110

 77, 29.403,
146.110

 87, 29.403,
146.110

 97, 29.403,

146.110

■ 27, 29.403,
146.110

■ 27, 29.403,
146.110

■ 27, 33.481,
144.823

■ 27, 25.007,
147.262

■ 26, 37.158,
143.412

■ 28, 20.376,
148.282

■ 26, 40.416,
141.992

■ 29, 15.589,
149.179

■ 26, 42.852,
141.134

■ 29, 10.719,
149.968

■ 30, 5.827, 150.667

■ 31, 0.961, 151.404

■ 32, 3.841, 331.737

■ 32, 8.550, 332.231

■ 33, 13.148,
332.657

Harmonies

Complementary

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



27, 29.403, 146.110



18, 29.248, 335.235

Rectangle

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



27, 29.403, 146.110



27, 29.403, 196.110



27, 29.403, 326.110



27, 29.403, 16.110

Sweetspot

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



27, 29.403, 146.110



38, 11.498, 150.133



29, 27.858, 115.132



19, 7.983, 150.020



72, 0.009, 296.813



20, 0.004, 296.813

Same Dimension

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



27, 29.403, 146.110



35, 42.254, 144.150



28, 19.332, 171.013



14, 2.663, 150.893



36, 54.328, 140.209



79, 102.465, 138.847

Inverse Universe

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



18, 29.248, 335.235



22, 41.167, 336.351



17, 23.058, 5.132



13, 2.672, 331.803



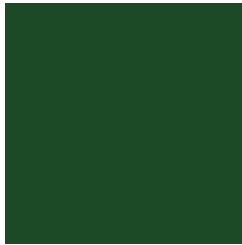
21, 49.223, 338.807



51, 88.890, 339.800

Previews

White Background



This preview shows how the CIELCh color 27, 29.403, 146.110 looks on a white background.

Color Contrast Check

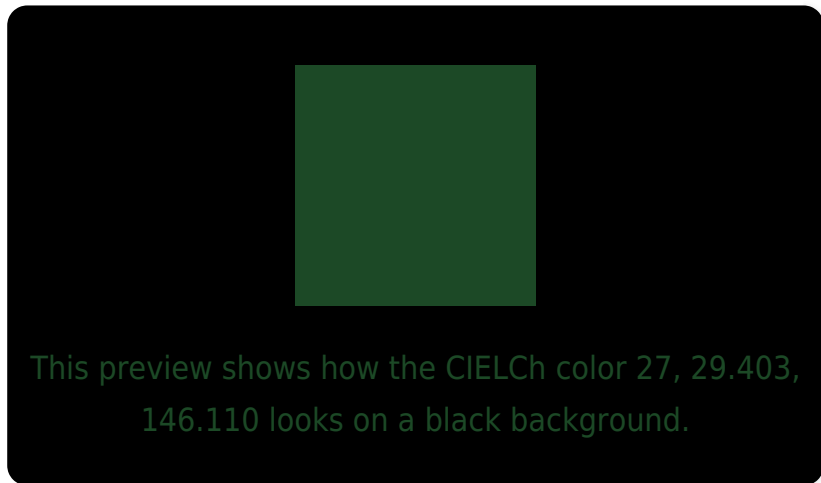
Large Text (above 18pt) WCAG AA ✓ Pass

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 27, 29.403, 146.110

Background



This preview shows how black text looks on a background with the CIELCh color 27, 29.403, 146.110.



This preview shows how white text looks on a background with the CIELCh color 27, 29.403, 146.110.

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
27, 29.403, 146.110

Protanopia
27, 19.360, 97.090

Deuteranopia
27, 15.448, 75.649



Tritanopia
27, 11.924, 213.679

Trichromacy



Original Color
27, 29.403, 146.110

Protanomaly
27, 21.102, 122.405

Deuteranomaly
26, 16.280, 117.373

Tritanomaly
27, 15.631, 174.805

Monochromacy



Original Color
27, 29.403, 146.110

Achromatopsia
23, 0.004, 296.813

Achromatomaly
24, 10.838, 150.660

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 27, 29.403, 146.110 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(28, 73, 38)` looks like.

```
.text, #text, p{  
    color:rgb(28, 73, 38)  
}
```

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(28, 73, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 73, 38) }
```

Border

The CSS property to change the border of an element to CIELCh 27, 29.403, 146.110 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(28, 73, 38) }
```

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

```
.border{ border-color:rgb(28, 73, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 73, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 73, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 73, 38);  
box-shadow:4px 4px 4px 4px rgb(28, 73, 38)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 27, 29.403, 146.110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 73, 38) }
```

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

```
.background{ background-color: rgb(28, 73,  
38) }
```

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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