

Converting Colors

CIELCh(26, 23.004, 115.448)

Have a look what the booklet for
CIELCh(26, 23.004, 115.448)
contains.

CIELCh(26, 22.991, 115.728)	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(26, 22.991, 115.728)

Conversions

Conversions Part 1

Format	Color
Hex	39411D
RGB	57, 65, 29
RGB Percent	22%, 25%, 11%
CMY	0.7763, 0.7449, 0.8861
CMYK	0.12, 0.00, 0.55, 0.74
HSL	73°, 38%, 18%
HSV	73°, 55%, 26%
XYZ	3.8057, 4.7465, 1.8810
YIQ	58.5040, 6.7880, -12.8920

Conversions

Conversions Part 2

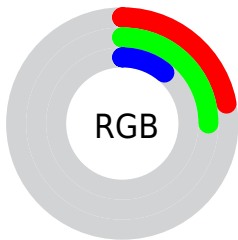
Format	Color
RYB	29, 65, 37
Decimal	3752221
CIELab	26.00, -9.98, 20.71
CIELCh	26, 22.991, 115.728
Yxy	4.7465, 0.3648, 0.4549
Android (android.graphics.Color)	4281942301 (0xFF39411D)
YUV	58.5040, -14.5455, -1.3190
Hunter-Lab	21.7865, -6.9460, 10.1315

Details

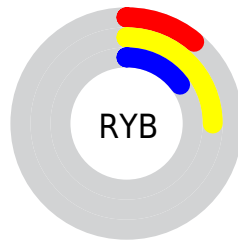
The CIELCh color **26, 22.991, 115.728** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **14, 25.859, 303.201**, and the grayscale version is **25, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 23.005, 115.971**, and **6, 12.756, 136.258** is the 20% darker color. If you saturate the color by 10%, you get **26, 26.702, 115.295**, and if you desaturate by 10%, it is **26, 19.052, 116.245**.

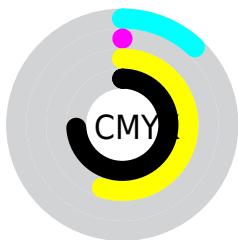
Distribution



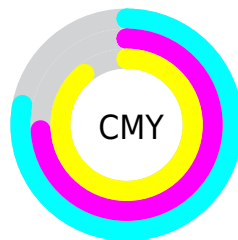
- Red (22%)
- Green (25%)
- Blue (11%)



- Red (11%)
- Yellow (25%)
- Blue (15%)



- Cyan (12%)
- Magenta (0%)
- Yellow (55%)
- Black (74%)



- Cyan (78%)
- Magenta (74%)
- Yellow (89%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 22.991, 115.728 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, 22.991, 115.728 by changing the saturation by 10% instead.

 26, 22.991,
115.728

 26, 22.991,
115.728

 100, 22.991,
115.728

 16, 22.991,
115.728


 46, 22.991,
115.728


 6, 22.991, 115.728

 56, 22.991,
115.728

 0, 22.991, 115.728

 66, 22.991,
115.728

 76, 22.991,
115.728

 86, 22.991,
115.728

 96, 22.991,

115.728

■ 26, 22.991,
115.728

■ 26, 22.991,
115.728

■ 26, 26.702,
115.295

■ 26, 19.052,
116.245

■ 26, 30.075,
114.986

■ 26, 14.964,
116.805

■ 25, 32.971,
114.861

■ 27, 10.782,
117.387

■ 25, 35.666,
114.815

■ 27, 6.545, 117.972

■ 25, 36.924,
114.801

■ 27, 2.280, 118.550

■ 28, 1.993, 299.102

■ 28, 6.260, 299.643

■ 28, 10.510,
300.156

■ 29, 14.735,
300.642

Harmonies

Complementary

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



26, 22.991, 115.728



14, 25.859, 303.201

Rectangle

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



26, 22.991, 115.728



26, 22.991, 165.728



26, 22.991, 295.728



26, 22.991, 345.728

Sweetspot

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



26, 22.992, 115.730



35, 8.978, 117.833



18, 16.437, 41.258



17, 6.057, 117.795



70, 0.009, 296.813



18, 0.003, 296.813

Same Dimension

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



26, 22.992, 115.730



34, 33.173, 115.172



25, 26.013, 133.746



13, 2.411, 118.366



38, 49.061, 115.190



83, 90.857, 116.061

Inverse Universe

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



14, 25.859, 303.201



15, 38.768, 304.588



16, 26.868, 318.284



11, 2.452, 299.351



9, 64.250, 307.946



30, 119.476, 307.366

Previews

White Background



This preview shows how the CIELCh color 26, 22.991, 115.728 looks on a white background.

Color Contrast Check

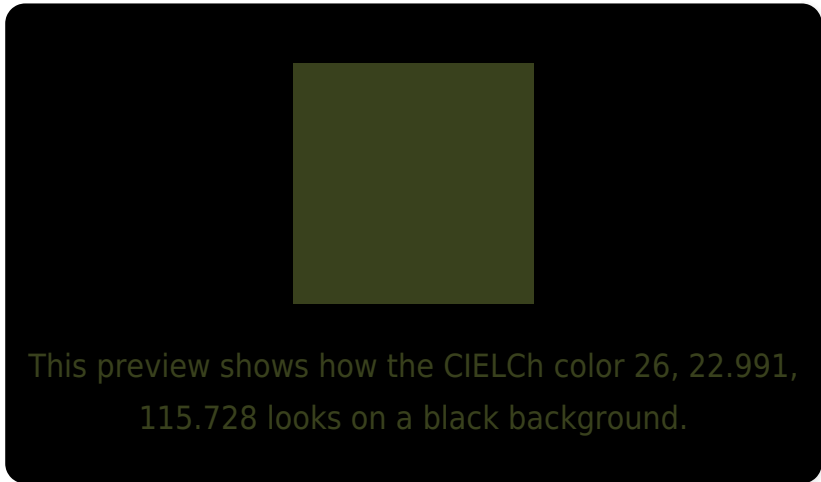
Large Text (above 18pt) WCAG AA ✓ Pass

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

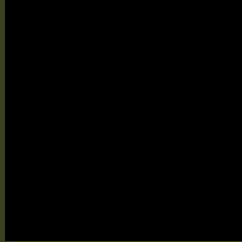
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

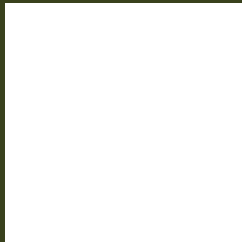
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 26, 22.991, 115.728

Background



This preview shows how black text looks on a background with the CIELCh color 26, 22.991, 115.728.



This preview shows how white text looks on a background with the CIELCh color 26, 22.991, 115.728.

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, 22.991, 115.728

Protanopia

26, 21.803, 97.371

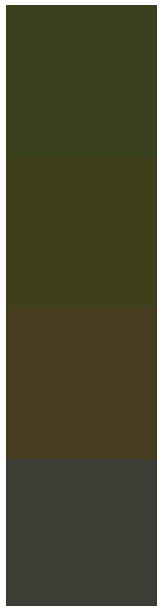
Deuteranopia

26, 20.352, 80.208



Tritanopia
26, 3.280, 290.856

Trichromacy



Original Color
26, 22.991, 115.728

Protanomaly
26, 22.099, 104.234

Deuteranomaly
26, 20.288, 94.087

Tritanomaly
26, 5.948, 118.027

Monochromacy



Original Color
26, 22.991, 115.728

Achromatopsia
25, 0.004, 296.813

Achromatomaly
25, 8.612, 117.982

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 22.991, 115.728 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(57, 65, 29)` looks like.

```
.text, #text, p{  
    color:rgb(57, 65, 29)  
}
```

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(57, 65, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 65, 29) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 22.991, 115.728 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(57, 65, 29) }
```

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

```
.border{ border-color:rgb(57, 65, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 65, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 65, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 65, 29);  
box-shadow:4px 4px 4px 4px rgb(57, 65, 29)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 22.991, 115.728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 65, 29) }
```

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

```
.background{ background-color: rgb(57, 65,  
29) }
```

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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