

Converting Colors

CIELCh(13, 26.106, 136.672)

Have a look what the booklet for
CIELCh(13, 26.106, 136.672)
contains.

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Color

CIELCh(13, 25.915, 136.868)

Conversions

Conversions Part 1

Format	Color
Hex	0C2703
RGB	12, 39, 3
RGB Percent	5%, 15%, 1%
CMY	0.9519, 0.8455, 0.9898
CMYK	0.69, 0.00, 0.93, 0.85
HSL	104°, 88%, 8%
HSV	104°, 93%, 15%
XYZ	0.9079, 1.5625, 0.3283
YIQ	26.8230, -4.5360, -16.9200

Conversions

Conversions Part 2

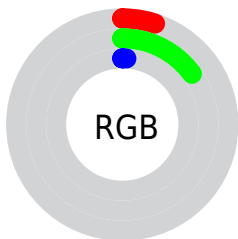
Format	Color
R_YB	3, 39, 30
Decimal	796419
CIE Lab	13.00, -18.91, 17.72
CIE LCh	13, 25.915, 136.868
Yxy	1.5625, 0.3244, 0.5583
Android (android.graphics.Color)	4278986499 (0xFF0C2703)
YUV	26.8230, -11.7447, -12.9998
Hunter-Lab	12.5000, -8.9106, 7.1927

Details

The CIELCh color **13, 25.915, 136.868** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4, 26.223, 317.489**, and the grayscale version is **10, 0.003, 296.813**.

A 20% lighter version of the original color is **33, 25.311, 137.469**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **13, 27.305, 137.052**, and if you desaturate by 10%, it is **13, 23.790, 136.431**.

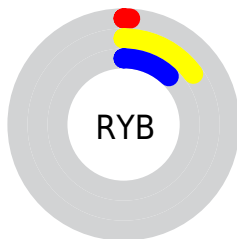
Distribution



Red (5%)

Green (15%)

Blue (1%)



Red (1%)

Yellow (15%)

Blue (12%)

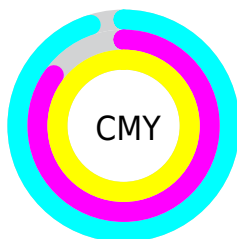


Cyan (69%)

Magenta (0%)

Yellow (93%)

Black (85%)



Cyan (95%)


Magenta (85%)

Yellow (99%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 13, 25.915, 136.868 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 13, 25.915, 136.868 by changing the saturation by 10% instead.

 13, 25.915,
136.868

 13, 25.915,
136.868


 100, 25.915,
136.868


 3, 25.915, 136.868


 33, 25.915,
136.868

 0, 25.915, 136.868

 43, 25.915,
136.868


 53, 25.915,
136.868


 63, 25.915,
136.868

 73, 25.915,
136.868


 83, 25.915,


136.868


 93, 25.915,
136.868


 13, 25.915,
136.868


 13, 25.915,
136.868


 13, 27.305,
137.052

 13, 23.790,
136.431

 13, 21.650,
135.774

 14, 19.299,
135.151

 14, 16.608,
134.875

 14, 13.599,
135.187

■ 15, 10.485,
135.638

■ 15, 7.342, 136.062

■ 15, 4.193, 136.456

■ 16, 1.058, 136.854

Harmonies

Complementary

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



13, 25.915, 136.868



4, 26.223, 317.489

Rectangle

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



13, 25.915, 136.868



13, 25.915, 186.868



13, 25.915, 316.868



13, 25.915, 6.868

Sweetspot

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



13, 25.915, 136.868



20, 10.940, 135.795



12, 16.289, 86.294



8, 6.786, 137.923



63, 0.008, 296.813



9, 0.003, 296.813

Same Dimension

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



13, 25.915, 136.868



18, 34.565, 134.174



13, 24.894, 146.433



6, 1.471, 137.186



31, 51.275, 132.772



75, 101.184, 133.893

Inverse Universe

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



4, 26.223, 317.489



6, 36.899, 319.423



5, 23.774, 336.897



6, 1.468, 316.624



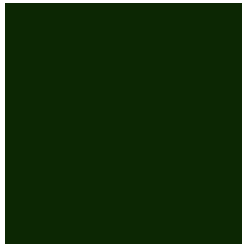
14, 52.922, 319.255



41, 103.393, 318.495

Previews

White Background



This preview shows how the CIELCh color 13, 25.915, 136.868 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

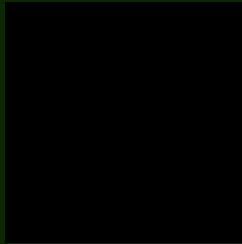
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 13, 25.915, 136.868

Background



This preview shows how black text looks on a background with the CIELCh color 13, 25.915, 136.868.



This preview shows how white text looks on a background with the CIELCh color 13, 25.915, 136.868.

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

13, 25.535, 137.264

Deuteranopia

13, 15.742, 82.624

Tritanopia

13, 7.397, 214.896

Trichromacy

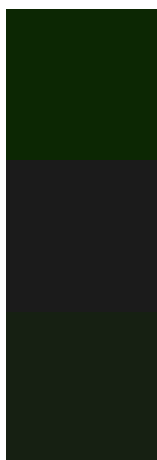


Original Color
13, 25.535, 137.264

Deuteranomaly
13, 17.106, 112.076

Tritanomaly
13, 13.153, 155.825

Monochromacy



Original Color
13, 25.535, 137.264

Achromatopsia
10, 0.003, 296.813

Achromatomaly
11, 11.237, 135.416

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 13, 25.915, 136.868 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(12, 39, 3)` looks like.

```
.text, #text, p{  
    color:rgb(12, 39, 3)  
}
```

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(12, 39, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 39, 3) }
```

Border

The CSS property to change the border of an element to CIELCh 13, 25.915, 136.868 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(12, 39, 3) }
```

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

```
.border{ border-color:rgb(12, 39, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 39, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 39, 3); -webkit-box-shadow:4px  
4px 4px 4px rgb(12, 39, 3); box-shadow:4px  
4px 4px 4px rgb(12, 39, 3) }
```

Background

The CSS property to change the background color of an element to CIELCh 13, 25.915, 136.868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 39, 3) }
```

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

```
.background{ background-color: rgb(12, 39,  
3) }
```

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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