

Converting Colors

CIELCh(25, 13.129, 110.322)

Have a look what the booklet for
CIELCh(25, 13.129, 110.322)
contains.

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Color

CIELCh(25, 13.016, 111.789)

Conversions

Conversions Part 1

Format	Color
Hex	3B3D29
RGB	59, 61, 41
RGB Percent	23%, 24%, 16%
CMY	0.7690, 0.7611, 0.8395
CMYK	0.03, 0.00, 0.33, 0.76
HSL	66°, 20%, 20%
HSV	66°, 33%, 24%
XYZ	3.8619, 4.4155, 2.7393
YIQ	58.1220, 5.2280, -6.6440

Conversions

Conversions Part 2

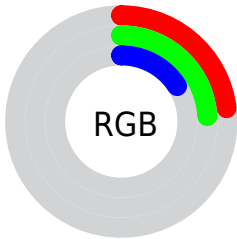
Format	Color
RYB	41, 61, 43
Decimal	3882281
CIELab	25.00, -4.83, 12.09
CIELCh	25, 13.016, 111.789
Yxy	4.4155, 0.3505, 0.4008
Android (android.graphics.Color)	4282072361 (0xFF3B3D29)
YUV	58.1220, -8.4411, 0.7700
Hunter-Lab	21.0130, -3.9670, 6.9799

Details

The CIELCh color **25, 13.016, 111.789** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **18, 13.923, 296.963**, and the grayscale version is **24, 0.004, 296.813**.

A 20% lighter version of the original color is **45, 13.019, 110.247**, and **5, 8.815, 120.533** is the 20% darker color. If you saturate the color by 10%, you get **25, 16.861, 111.098**, and if you desaturate by 10%, it is **25, 9.093, 112.502**.

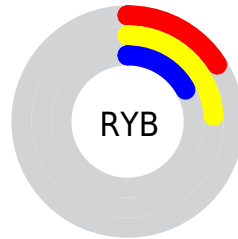
Distribution



Red (23%)

Green (24%)

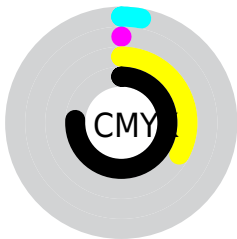
Blue (16%)



Red (16%)

Yellow (24%)

Blue (17%)

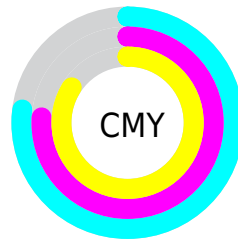


Cyan (3%)

Magenta (0%)

Yellow (33%)

Black (76%)



Cyan (77%)


Magenta (76%)


Yellow (84%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 25, 13.016, 111.789 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 25, 13.016, 111.789 by changing the saturation by 10% instead.

 25, 13.016,
111.789


 25, 13.016,
111.789

 100, 13.016,
111.789


 15, 13.016,
111.789


 45, 13.016,
111.789


 5, 13.016, 111.789

 55, 13.016,
111.789

 0, 13.016, 111.789

 65, 13.016,
111.789

 75, 13.016,
111.789

 85, 13.016,
111.789

 95, 13.016,

111.789

■ 25, 13.016,
111.789

■ 25, 13.016,
111.789

■ 25, 16.861,
111.098

■ 25, 9.093, 112.502

■ 25, 20.579,
110.436

■ 25, 5.123, 113.212

■ 26, 1.127, 113.906

■ 25, 24.104,
109.832

■ 26, 2.877, 294.606

■ 24, 27.341,
109.318

■ 26, 6.879, 295.269

■ 24, 30.163,
108.935

■ 26, 10.869,
295.907

■ 24, 32.623,
108.713

■ 27, 14.842,
296.518

■ 24, 34.388,
108.582

■ 27, 18.792,
297.100

■ 27, 22.716,
297.652

Harmonies

Complementary

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



25, 13.016, 111.789



18, 13.923, 296.963

Rectangle

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



25, 13.016, 111.789



25, 13.016, 161.789



25, 13.016, 291.789



25, 13.016, 341.789

Sweetspot

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



25, 13.017, 111.792



33, 4.964, 113.380



20, 9.213, 29.739



16, 3.418, 113.342



69, 0.009, 296.813



16, 0.003, 296.813

Same Dimension

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



25, 13.017, 111.792



33, 19.112, 111.240



24, 14.299, 131.193



11, 2.226, 113.521



38, 47.121, 108.589



84, 87.872, 109.040

Inverse Universe

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



18, 13.923, 296.963



22, 20.845, 297.852



19, 14.738, 313.735



10, 2.266, 294.733



8, 63.994, 306.933



28, 119.899, 306.571

Previews

White Background



This preview shows how the CIE LCh color 25, 13.016, 111.789 looks on a white background.

Color Contrast Check

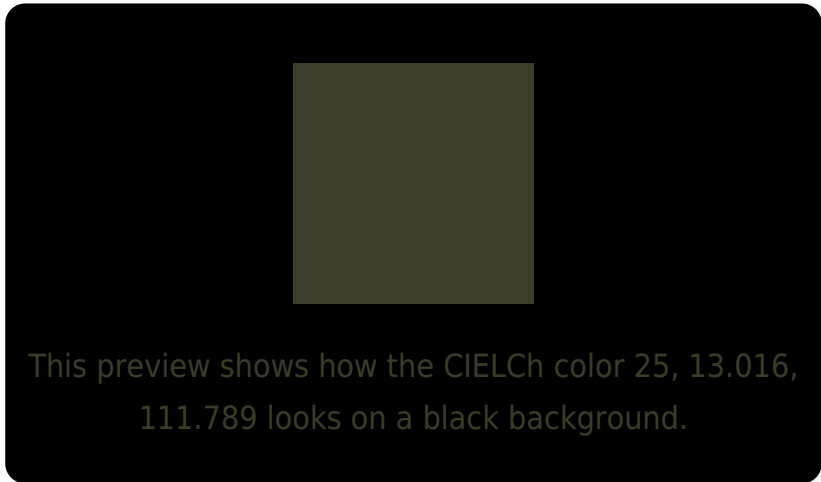
Large Text (above 18pt) WCAG AA ✓ Pass

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

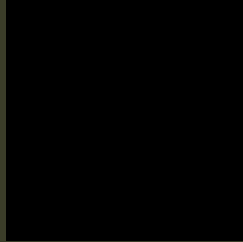
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

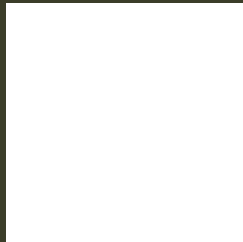
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 25, 13.016, 111.789

Background



This preview shows how black text looks on a background with the CIELCh color 25, 13.016, 111.789.

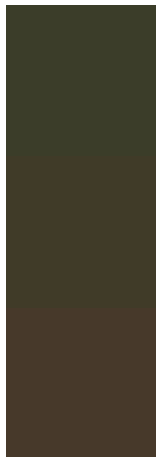


This preview shows how white text looks on a background with the CIELCh color 25, 13.016, 111.789.

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

25, 13.016, 111.789

Protanopia

25, 12.656, 96.025

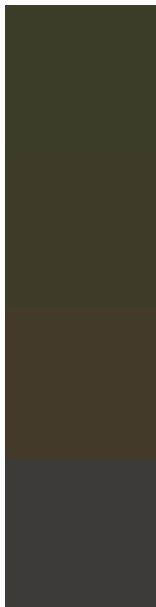
Deuteranopia

25, 12.236, 72.646



Tritanopia
25, 3.771, 319.091

Trichromacy



Original Color
25, 13.016, 111.789

Protanomaly
25, 13.041, 102.991

Deuteranomaly
25, 11.458, 84.638

Tritanomaly
25, 2.780, 90.034

Monochromacy



Original Color
25, 13.016, 111.789

Achromatopsia
24, 0.004, 296.813

Achromatomaly
25, 4.628, 115.015

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 25, 13.016, 111.789 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(59, 61, 41)` looks like.

```
.text, #text, p{  
    color:rgb(59, 61, 41)  
}
```

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(59, 61, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 61, 41) }
```

Border

The CSS property to change the border of an element to CIELCh 25, 13.016, 111.789 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(59, 61, 41) }
```

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

```
.border{ border-color:rgb(59, 61, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 61, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 61, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 61, 41);  
box-shadow:4px 4px 4px 4px rgb(59, 61, 41)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 25, 13.016, 111.789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 61, 41) }
```

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

```
.background{ background-color: rgb(59, 61,  
41) }
```

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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