

Converting Colors

CIELCh(29, 25.226, 108.264)

Have a look what the booklet for
CIELCh(29, 25.226, 108.264)
contains.

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Color

CIELCh(29, 25.286, 108.778)

Conversions

Conversions Part 1

Format	Color
Hex	44471E
RGB	68, 71, 30
RGB Percent	27%, 28%, 12%
CMY	0.7331, 0.7214, 0.8822
CMYK	0.04, 0.00, 0.58, 0.72
HSL	64°, 41%, 20%
HSV	64°, 58%, 28%
XYZ	4.8792, 5.8380, 2.1013
YIQ	65.4290, 11.3730, -13.3870

Conversions

Conversions Part 2

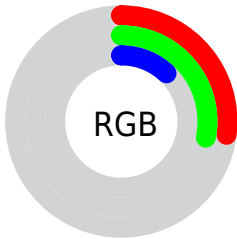
Format	Color
RYB	30, 71, 33
Decimal	4474654
CIELab	29.00, -8.14, 23.94
CIELCh	29, 25.286, 108.778
Yxy	5.8380, 0.3806, 0.4554
Android (android.graphics.Color)	4282664734 (0xFF44471E)
YUV	65.4290, -17.4665, 2.2548
Hunter-Lab	24.1619, -6.2377, 11.7571

Details

The CIELCh color **29, 25.286, 108.778** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **14, 29.131, 299.568**, and the grayscale version is **28, 0.004, 296.813**.

A 20% lighter version of the original color is **49, 25.330, 108.817**, and **9, 15.525, 119.836** is the 20% darker color. If you saturate the color by 10%, you get **29, 29.083, 108.176**, and if you desaturate by 10%, it is **29, 21.196, 109.462**.

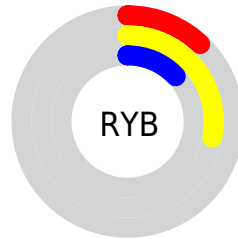
Distribution



Red (27%)

Green (28%)

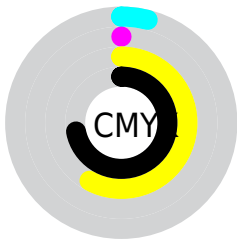
Blue (12%)



Red (12%)

Yellow (28%)

Blue (13%)

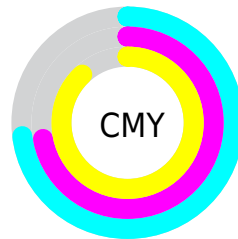


Cyan (4%)

Magenta (0%)

Yellow (58%)

Black (72%)



Cyan (73%)


Magenta (72%)


Yellow (88%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 29, 25.286, 108.778 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 29, 25.286, 108.778 by changing the saturation by 10% instead.

 29, 25.286,
108.778


 29, 25.286,
108.778

 100, 25.286,
108.778


 19, 25.286,
108.778


 49, 25.286,
108.778


 9, 25.286, 108.778

 59, 25.286,
108.778

 0, 25.286, 108.778

 69, 25.286,
108.778

 79, 25.286,
108.778

 89, 25.286,
108.778

 99, 25.286,

108.778

■ 29, 25.286,
108.778

■ 29, 25.286,
108.778

■ 29, 29.083,
108.176

■ 29, 21.196,
109.462

■ 29, 32.448,
107.686

■ 29, 16.911,
110.192

■ 29, 35.231,
107.349

■ 30, 12.504,
110.949

■ 29, 37.995,
107.005

■ 30, 8.021, 111.714

■ 29, 38.650,
106.924

■ 30, 3.497, 112.473

■ 30, 1.047, 293.243

■ 31, 5.595, 293.959

■ 31, 10.134,
294.662

■ 31, 14.658,
295.337

Harmonies

Complementary

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



29, 25.286, 108.778



14, 29.131, 299.568

Rectangle

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



29, 25.286, 108.778



29, 25.286, 158.778



29, 25.286, 288.778



29, 25.286, 338.778

Sweetspot

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



29, 25.287, 108.780



38, 9.524, 111.717



18, 20.633, 29.683



19, 6.276, 111.665



71, 0.009, 296.813



19, 0.004, 296.813

Same Dimension

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



29, 25.287, 108.780



37, 36.289, 107.966



27, 27.827, 129.000



14, 2.538, 112.406



40, 48.753, 107.096



86, 89.100, 107.408

Inverse Universe

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



14, 29.131, 299.568



15, 43.922, 301.813



16, 29.631, 313.725



12, 2.585, 293.741



9, 66.600, 306.733



29, 122.172, 306.467

Previews

White Background



This preview shows how the CIELCh color 29, 25.286, 108.778 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



This preview shows how the CIELCh color 29, 25.286, 108.778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

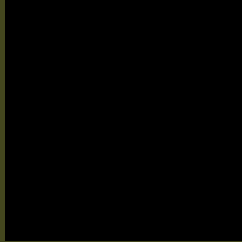
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 29, 25.286, 108.778

Background



This preview shows how black text looks on a background with the CIELCh color 29, 25.286, 108.778.



This preview shows how white text looks on a background with the CIELCh color 29, 25.286, 108.778.

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

29, 25.286, 108.778

Protanopia

29, 24.620, 95.685

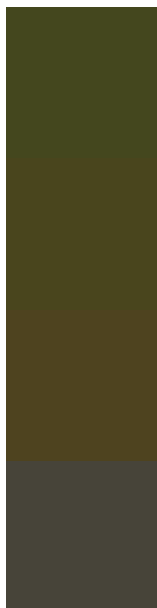
Deuteranopia

29, 23.323, 80.813



Tritanopia
29, 3.916, 324.749

Trichromacy



Original Color
29, 25.286, 108.778

Protanomaly
29, 24.846, 100.566

Deuteranomaly
29, 23.334, 91.529

Tritanomaly
29, 7.186, 97.485

Monochromacy



Original Color
29, 25.286, 108.778

Achromatopsia
28, 0.004, 296.813

Achromatomaly
28, 9.640, 111.097

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 29, 25.286, 108.778 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(68, 71, 30)` looks like.

```
.text, #text, p{  
    color:rgb(68, 71, 30)  
}
```

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(68, 71, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 71, 30) }
```

Border

The CSS property to change the border of an element to CIELCh 29, 25.286, 108.778 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(68, 71, 30) }
```

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

```
.border{ border-color:rgb(68, 71, 30) }
```

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

Here you see how a box with a 4 pixel rgb(68, 71, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 71, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 71, 30);  
box-shadow:4px 4px 4px 4px rgb(68, 71, 30)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 29, 25.286, 108.778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 71, 30) }
```

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

```
.background{ background-color: rgb(68, 71,  
30) }
```

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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