

Converting Colors

CIELCh(29, 54.052, 33.305)

Have a look what the booklet for
CIELCh(29, 54.052, 33.305) contains.

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Color

CIELCh(29, 53.970, 33.148)

Conversions

Conversions Part 1

Format	Color
Hex	861819
RGB	134, 24, 25
RGB Percent	53%, 9%, 10%
CMY	0.4731, 0.9043, 0.9010
CMYK	0.00, 0.82, 0.81, 0.47
HSL	360°, 69%, 31%
HSV	360°, 82%, 53%
XYZ	10.4005, 5.8380, 1.5123
YIQ	57.0040, 65.2390, 23.6310

Conversions

Conversions Part 2

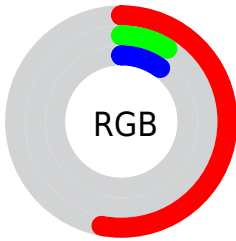
Format	Color
R_{YB}	134, 24, 25
Decimal	8787993
CIE _{Lab}	29.00, 45.19, 29.51
CIE _{LCh}	29, 53.970, 33.148
Yxy	5.8380, 0.5859, 0.3289
Android (android.graphics.Color)	4286978073 (0xFF861819)
YUV	57.0040, -15.7780, 67.5255
Hunter-Lab	24.1619, 34.5517, 13.2024

Details

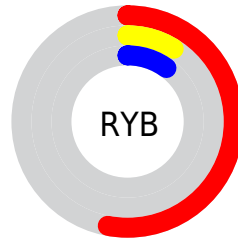
The CIELCh color **29, 53.970, 33.148** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **51, 29.686, 195.549**, and the grayscale version is **24, 0.004, 296.813**.

A 20% lighter version of the original color is **49, 54.121, 32.898**, and **13, 38.975, 31.113** is the 20% darker color. If you saturate the color by 10%, you get **28, 59.867, 36.590**, and if you desaturate by 10%, it is **31, 47.172, 29.768**.

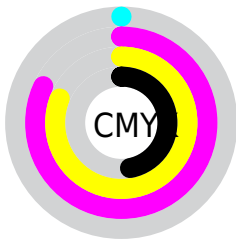
Distribution



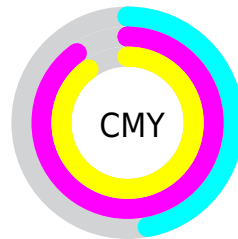
- Red (53%)
- Green (9%)
- Blue (10%)



- Red (53%)
- Yellow (9%)
- Blue (10%)



- Cyan (0%)
- Magenta (82%)
- Yellow (81%)
- Black (47%)



- Cyan (47%)
- Magenta (90%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 29, 53.970, 33.148 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, 53.970, 33.148 by changing the saturation by 10% instead.

■ 29, 53.970, 33.148

■ 29, 53.970, 33.148

■ 100, 53.970,
33.148

■ 19, 53.970, 33.148

■ 49, 53.970, 33.148

■ 9, 53.970, 33.148

■ 59, 53.970, 33.148

■ 0, 53.970, 33.148

■ 69, 53.970, 33.148

■ 79, 53.970, 33.148

■ 89, 53.970, 33.148

■ 99, 53.970, 33.148

■ 29, 53.970, 33.148

■ 29, 53.970, 33.148

28, 59.867, 36.590

31, 47.172, 29.768

27, 63.573, 38.454

33, 40.017, 26.897

36, 32.792, 24.600

40, 25.710, 22.807

43, 18.922, 21.418

47, 12.519, 20.335

51, 6.537, 19.470

55, 0.978, 18.456

59, 4.179, 198.452

Harmonies

Complementary

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



29, 53.970, 33.148



51, 29.686, 195.549

Rectangle

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



29, 53.970, 33.148



29, 53.970, 83.148



29, 53.970, 213.148



29, 53.970, 263.148

Sweetspot

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



29, 53.968, 33.150



59, 17.894, 20.706



33, 66.754, 327.425



29, 12.287, 21.029



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



29, 53.968, 33.150



36, 76.768, 39.036



39, 44.239, 63.566



26, 3.050, 19.256



26, 61.884, 38.207



0, 0.707, 18.765

Inverse Universe

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



29, 53.968, 33.150



36, 76.768, 39.036



34, 34.903, 273.338



26, 3.050, 19.256



26, 61.884, 38.207



0, 0.707, 18.765

Previews

White Background



This preview shows how the CIELCh color 29, 53.970, 33.148 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, 53.970, 33.148 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, 53.970, 33.148

Background



This preview shows how black text looks on a background with the CIELCh color 29, 53.970, 33.148.



This preview shows how white text looks on a background with the CIELCh color 29, 53.970, 33.148.

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, 53.970, 33.148

Protanopia

30, 21.000, 96.434

Deuteranopia

30, 33.363, 83.436



Tritanopia
29, 54.071, 33.962

Trichromacy



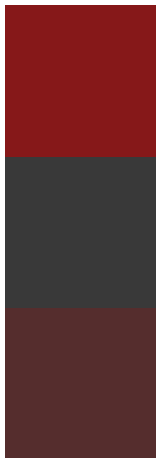
Original Color
29, 53.970, 33.148

Protanomaly
27, 27.889, 49.536

Deuteranomaly
28, 36.953, 55.258

Tritanomaly
29, 54.071, 33.962

Monochromacy



Original Color
29, 53.970, 33.148

Achromatopsia
24, 0.004, 296.813

Achromatomaly
24, 20.050, 23.819

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 29, 53.970, 33.148 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(134, 24, 25)` looks like.

```
.text, #text, p{  
    color:rgb(134, 24, 25)  
}
```

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(134, 24, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 24, 25) }
```

Border

The CSS property to change the border of an element to CIELCh 29, 53.970, 33.148 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(134, 24, 25) }
```

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

```
.border{ border-color:rgb(134, 24, 25) }
```

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

Here you see how a box with a 4 pixel rgb(134, 24, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 24, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 24, 25);  
box-shadow:4px 4px 4px 4px rgb(134, 24,  
25) }
```

Background

The CSS property to change the background color of an element to CIELCh 29, 53.970, 33.148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 24, 25) }
```

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

```
.background{ background-color: rgb(134, 24,  
25) }
```

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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