

Converting Colors

CIELCh(29, 47.542, 11.266)

Have a look what the booklet for
CIELCh(29, 47.542, 11.266) contains.

CIELCh(29, 47.517, 11.278)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(29, 47.517, 11.278)

Conversions

Conversions Part 1

Format	Color
Hex	841738
RGB	132, 23, 56
RGB Percent	52%, 9%, 22%
CMY	0.4814, 0.9086, 0.7796
CMYK	0.00, 0.82, 0.58, 0.48
HSL	342°, 70%, 31%
HSV	342°, 82%, 52%
XYZ	10.5858, 5.8380, 4.3352
YIQ	59.3530, 54.3710, 33.3710

Conversions

Conversions Part 2

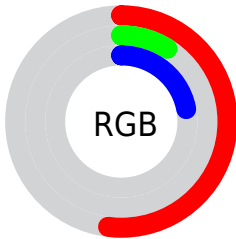
Format	Color
R_{YB}	132, 23, 56
Decimal	8656696
CIE Lab	29.00, 46.60, 9.29
CIE LCh	29, 47.517, 11.278
Yxy	5.8380, 0.5099, 0.2812
Android (android.graphics.Color)	4286846776 (0xFF841738)
YUV	59.3530, -1.6530, 63.7114
Hunter-Lab	24.1619, 35.9211, 6.2755

Details

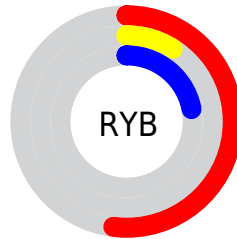
The CIELCh color **29, 47.517, 11.278** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **49, 38.703, 165.722**, and the grayscale version is **25, 0.004, 296.813**.

A 20% lighter version of the original color is **49, 47.652, 10.929**, and **13, 37.026, 23.864** is the 20% darker color. If you saturate the color by 10%, you get **28, 50.920, 15.677**, and if you desaturate by 10%, it is **31, 43.162, 7.730**.

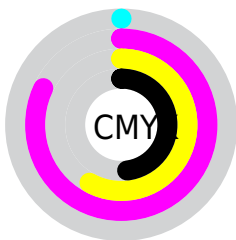
Distribution



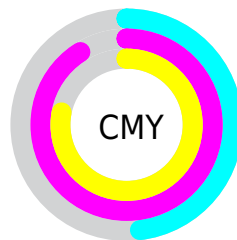
- Red (52%)
- Green (9%)
- Blue (22%)



- Red (52%)
- Yellow (9%)
- Blue (22%)



- Cyan (0%)
- Magenta (82%)
- Yellow (58%)
- Black (48%)



- Cyan (48%)
- Magenta (91%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 29, 47.517, 11.278 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, 47.517, 11.278 by changing the saturation by 10% instead.

■ 29, 47.517, 11.278

■ 29, 47.517, 11.278

■ 100, 47.517,
11.278

■ 19, 47.517, 11.278

■ 49, 47.517, 11.278

■ 9, 47.517, 11.278

■ 59, 47.517, 11.278

■ 0, 47.517, 11.278

■ 69, 47.517, 11.278

■ 79, 47.517, 11.278

■ 89, 47.517, 11.278

■ 99, 47.517, 11.278

■ 29, 47.517, 11.278

■ 29, 47.517, 11.278

28, 50.920, 15.677

31, 43.162, 7.730

27, 53.351, 19.203

33, 37.956, 4.905

36, 32.129, 2.650

39, 25.947, 0.824

43, 19.640,
359.316

47, 13.376,
358.043

50, 7.265, 356.937

54, 1.368, 355.784

58, 4.285, 175.290

Harmonies

Complementary

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



29, 47.517, 11.278



49, 38.703, 165.722

Rectangle

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



29, 47.517, 11.278



29, 47.517, 61.278



29, 47.517, 191.278



29, 47.517, 241.278

Sweetspot

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



29, 47.515, 11.280



58, 18.519, 358.427



26, 66.726, 317.701



29, 12.791, 358.807



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, 47.515, 11.280



36, 64.406, 20.087



31, 49.474, 41.384



26, 3.297, 356.600



26, 52.684, 19.101



0, 0.776, 355.828

Inverse Universe

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



29, 47.515, 11.280



36, 64.406, 20.087



44, 25.325, 225.815



26, 3.297, 356.600



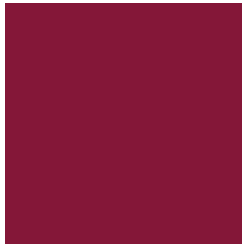
26, 52.684, 19.101



0, 0.776, 355.828

Previews

White Background



This preview shows how the CIELCh color 29, 47.517, 11.278 looks on a white background.

Color Contrast Check

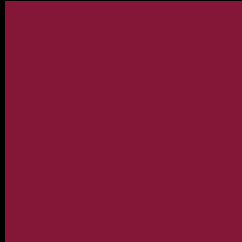
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the CIE LCh color 29, 47.517, 11.278 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, 47.517, 11.278

Background



This preview shows how black text looks on a background with the CIELCh color 29, 47.517, 11.278.



This preview shows how white text looks on a background with the CIELCh color 29, 47.517, 11.278.

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, 47.517, 11.278

Protanopia

30, 5.138, 286.443

Deuteranopia

30, 13.013, 71.041



Tritanopia
29, 49.708, 31.294

Trichromacy



Original Color
29, 47.517, 11.278

Protanomaly
27, 20.330, 351.457

Deuteranomaly
28, 24.297, 21.500

Tritanomaly
29, 47.967, 24.530

Monochromacy



Original Color
29, 47.517, 11.278

Achromatopsia
25, 0.004, 296.813

Achromatomaly
25, 19.526, 0.528

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 29, 47.517, 11.278 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(132, 23, 56)` looks like.

```
.text, #text, p{  
    color:rgb(132, 23, 56)  
}
```

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(132, 23, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 23, 56) }
```

Border

The CSS property to change the border of an element to CIELCh 29, 47.517, 11.278 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(132, 23, 56) }
```

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

```
.border{ border-color:rgb(132, 23, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 23, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 23, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 23, 56);  
box-shadow:4px 4px 4px 4px rgb(132, 23,  
56) }
```

Background

The CSS property to change the background color of an element to CIELCh 29, 47.517, 11.278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 23, 56) }
```

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

```
.background{ background-color: rgb(132, 23,  
56) }
```

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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