

Converting Colors

CIELCh(30, 52.495, 10.312)

Have a look what the booklet for
CIELCh(30, 52.495, 10.312) contains.

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Color

CIELCh(30, 52.472, 10.083)

Conversions

Conversions Part 1

Format	Color
Hex	8D0D3B
RGB	141, 13, 59
RGB Percent	55%, 5%, 23%
CMY	0.4479, 0.9505, 0.7693
CMYK	0.00, 0.91, 0.58, 0.45
HSL	338°, 84%, 30%
HSV	338°, 91%, 55%
XYZ	11.8720, 6.2359, 4.6932
YIQ	56.5160, 61.5220, 41.4420

Conversions

Conversions Part 2

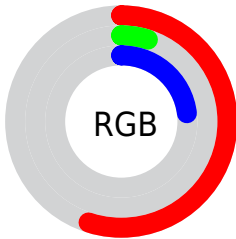
Format	Color
RYB	141, 13, 59
Decimal	9243963
CIELab	30.00, 51.66, 9.19
CIELCh	30, 52.472, 10.083
Yxy	6.2359, 0.5207, 0.2735
Android (android.graphics.Color)	4287434043 (0xFF8D0D3B)
YUV	56.5160, 1.2246, 74.0925
Hunter-Lab	24.9718, 41.1609, 6.3373




Details

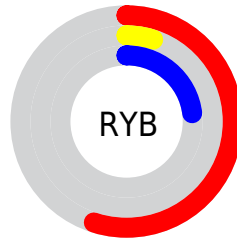
The CIELCh color **30, 52.472, 10.083** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **52, 45.972, 159.738**, and the grayscale version is **24, 0.004, 296.813**.




A 20% lighter version of the original color is **50, 52.580, 9.984**, and **15, 39.666, 23.709** is the 20% darker color. If you saturate the color by 10%, you get **29, 54.812, 14.150**, and if you desaturate by 10%, it is **31, 49.289, 6.039**.

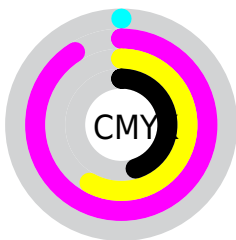
Distribution







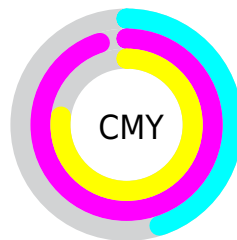
-  Red (55%)
-  Green (5%)
-  Blue (23%)






-  Red (55%)
-  Yellow (5%)
-  Blue (23%)



-  Cyan (0%)
-  Magenta (91%)
-  Yellow (58%)
-  Black (45%)



-  Cyan (45%)
-  Magenta (95%)
-  Yellow (77%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 30, 52.472, 10.083 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 30, 52.472, 10.083 by changing the saturation by 10% instead.

 30, 52.472, 10.083

 30, 52.472, 10.083

 100, 52.472,
10.083

 20, 52.472, 10.083

 50, 52.472, 10.083

 10, 52.472, 10.083

 60, 52.472, 10.083

 0, 52.472, 10.083

 70, 52.472, 10.083

 80, 52.472, 10.083

 90, 52.472, 10.083

 30, 52.472, 10.083

 30, 52.472, 10.083

 29, 54.812, 14.150

 31, 49.289, 6.039

■ 33, 44.952, 2.814

■ 36, 39.598, 0.254

■ 39, 33.508,
358.200

■ 43, 26.982,
356.520

■ 46, 20.277,
355.116

■ 50, 13.580,
353.915

■ 54, 7.013, 352.856

■ 58, 0.647, 351.449

Harmonies

Complementary

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



30, 52.472, 10.083



52, 45.972, 159.738

Rectangle

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



30, 52.472, 10.083



30, 52.472, 60.083



30, 52.472, 190.083



30, 52.472, 240.083

Sweetspot

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



30, 52.469, 10.085



61, 21.835, 354.683



25, 74.515, 315.964



30, 14.707, 355.051



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



30, 52.469, 10.085



39, 66.890, 15.444



31, 59.313, 40.353



28, 3.621, 352.670



28, 53.178, 13.923



1, 2.408, 351.900

Inverse Universe

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



30, 52.469, 10.085



39, 66.890, 15.444



47, 27.714, 218.580



28, 3.621, 352.670



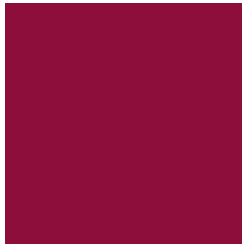
28, 53.178, 13.923



1, 2.408, 351.900

Previews

White Background



This preview shows how the CIELCh color 30, 52.472, 10.083 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 30, 52.472, 10.083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

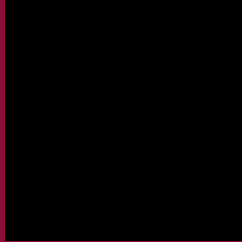
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 30, 52.472, 10.083

Background



This preview shows how black text looks on a background with the CIELCh color 30, 52.472, 10.083.



This preview shows how white text looks on a background with the CIELCh color 30, 52.472, 10.083.

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

30, 52.472, 10.083

Protanopia

31, 8.292, 288.864

Deuteranopia

31, 13.739, 70.950



Tritanopia
30, 56.088, 34.081

Trichromacy



Original Color
30, 52.472, 10.083

Protanomaly
28, 25.147, 345.695

Deuteranomaly
28, 27.814, 17.796

Tritanomaly
30, 53.799, 26.060

Monochromacy



Original Color
30, 52.472, 10.083

Achromatopsia
24, 0.004, 296.813

Achromatomaly
23, 23.882, 358.142

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 52.472, 10.083 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(141, 13, 59)` looks like.

```
.text, #text, p{  
    color:rgb(141, 13, 59)  
}
```

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(141, 13, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 13, 59) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 52.472, 10.083 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(141, 13, 59) }
```

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

```
.border{ border-color:rgb(141, 13, 59) }
```

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

Here you see how a box with a 4 pixel rgb(141, 13, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 13, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 13, 59);  
box-shadow:4px 4px 4px 4px rgb(141, 13,  
59) }
```

Background

The CSS property to change the background color of an element to CIELCh 30, 52.472, 10.083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 13, 59) }
```

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

```
.background{ background-color: rgb(141, 13,  
59) }
```

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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