

Converting Colors

CIELCh(30, 57.796, 30.805)

Have a look what the booklet for
CIELCh(30, 57.796, 30.805) contains.

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Color

CIELCh(30, 57.566, 30.705)

Conversions

Conversions Part 1

Format	Color
Hex	8E111C
RGB	142, 17, 28
RGB Percent	56%, 7%, 11%
CMY	0.4431, 0.9333, 0.8902
CMYK	0.00, 0.88, 0.80, 0.44
HSL	355°, 79%, 31%
HSV	355°, 88%, 56%
XYZ	11.5660, 6.2359, 1.6927
YIQ	55.6290, 70.9690, 29.9210

Conversions

Conversions Part 2

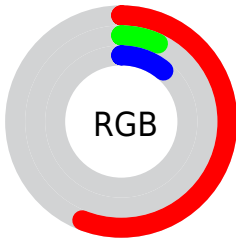
Format	Color
RYB	142, 17, 28
Decimal	9310492
CIELab	30.00, 49.50, 29.39
CIELCh	30, 57.566, 30.705
Yxy	6.2359, 0.5933, 0.3199
Android (android.graphics.Color)	4287500572 (0xFF8E111C)
YUV	55.6290, -13.6211, 75.7474
Hunter-Lab	24.9718, 38.9738, 13.4612

Details

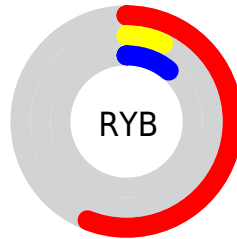
The CIELCh color **30, 57.566, 30.705** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **53, 33.758, 185.249**, and the grayscale version is **23, 0.004, 296.813**.

A 20% lighter version of the original color is **50, 57.786, 30.645**, and **15, 42.140, 32.782** is the 20% darker color. If you saturate the color by 10%, you get **29, 62.863, 34.834**, and if you desaturate by 10%, it is **32, 51.540, 26.593**.

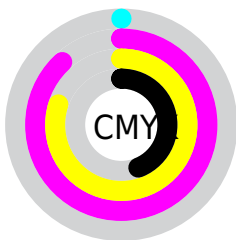
Distribution



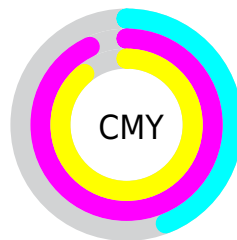
- Red (56%)
- Green (7%)
- Blue (11%)



- Red (56%)
- Yellow (7%)
- Blue (11%)



- Cyan (0%)
- Magenta (88%)
- Yellow (80%)
- Black (44%)



- Cyan (44%)
- Magenta (93%)
- Yellow (89%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 30, 57.566, 30.705 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, 57.566, 30.705 by changing the saturation by 10% instead.

 30, 57.566, 30.705

 30, 57.566, 30.705

 100, 57.566,
30.705

 20, 57.566, 30.705

 50, 57.566, 30.705

 10, 57.566, 30.705

 60, 57.566, 30.705

 0, 57.566, 30.705

 70, 57.566, 30.705

 80, 57.566, 30.705

 90, 57.566, 30.705

 30, 57.566, 30.705

 30, 57.566, 30.705

 29, 62.863, 34.834

 32, 51.540, 26.593

29, 63.852, 35.464

34, 44.939, 23.079

37, 37.980, 20.235

40, 30.892, 17.983

44, 23.884, 16.206

47, 17.110, 14.792

51, 10.666, 13.646

56, 4.594, 12.672

60, 1.097, 192.380

Harmonies

Complementary

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



30, 57.566, 30.705



53, 33.758, 185.249

Rectangle

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



30, 57.566, 30.705



30, 57.566, 80.705



30, 57.566, 210.705



30, 57.566, 260.705

Sweetspot

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



30, 57.564, 30.707



61, 19.495, 14.608



32, 72.053, 324.597



30, 13.288, 14.989



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, 57.564, 30.707



38, 78.016, 36.423



37, 50.913, 55.585



28, 3.263, 12.783



27, 61.392, 35.176



0, 2.142, 12.133

Inverse Universe

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



30, 57.564, 30.707



38, 78.016, 36.423



37, 33.762, 265.667



28, 3.263, 12.783



27, 61.392, 35.176



0, 2.142, 12.133

Previews

White Background



This preview shows how the CIELCh color 30, 57.566, 30.705 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 30, 57.566, 30.705 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, 57.566, 30.705

Background



This preview shows how black text looks on a background with the CIELCh color 30, 57.566, 30.705.



This preview shows how white text looks on a background with the CIELCh color 30, 57.566, 30.705.

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, 57.566, 30.705

Protanopia

31, 19.703, 96.308

Deuteranopia

31, 33.580, 82.847



Tritanopia
30, 60.428, 36.263

Trichromacy



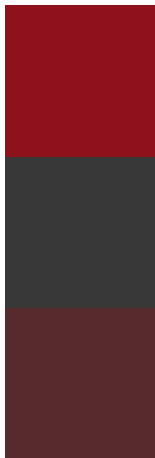
Original Color
30, 57.566, 30.705

Protanomaly
28, 28.727, 43.924

Deuteranomaly
29, 38.729, 50.674

Tritanomaly
30, 59.417, 34.348

Monochromacy



Original Color
30, 57.566, 30.705

Achromatopsia
24, 0.004, 296.813

Achromatomaly
23, 22.278, 18.095

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 57.566, 30.705 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(142, 17, 28)` looks like.

```
.text, #text, p{  
    color:rgb(142, 17, 28)  
}
```

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(142, 17, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 17, 28) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 57.566, 30.705 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(142, 17, 28) }
```

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

```
.border{ border-color:rgb(142, 17, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 17, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 17, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 17, 28);  
box-shadow:4px 4px 4px 4px rgb(142, 17,  
28) }
```

Background

The CSS property to change the background color of an element to CIELCh 30, 57.566, 30.705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 17, 28) }
```

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

```
.background{ background-color: rgb(142, 17,  
28) }
```

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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