

Converting Colors

CIELCh(30, 53.799, 26.060)

Have a look what the booklet for
CIELCh(30, 53.799, 26.060) contains.

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Color

CIELCh(30, 53.799, 26.060)

Conversions

Conversions Part 1

Format	Color
Hex	8C1525
RGB	140, 21, 37
RGB Percent	55%, 8%, 15%
CMY	0.4512, 0.9179, 0.8551
CMYK	0.00, 0.85, 0.74, 0.45
HSL	352°, 74%, 32%
HSV	352°, 85%, 55%
XYZ	11.4034, 6.2359, 2.3489
YIQ	58.4050, 65.7880, 30.2040

Conversions

Conversions Part 2

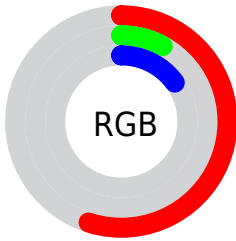
Format	Color
RYB	140, 21, 37
Decimal	9180453
CIELab	30.00, 48.33, 23.63
CIElCh	30, 53.799, 26.060
Yxy	6.2359, 0.5705, 0.3120
Android (android.graphics.Color)	4287370533 (0xFF8C1525)
YUV	58.4050, -10.5527, 71.5588
Hunter-Lab	24.9718, 37.8119, 11.9033

Details

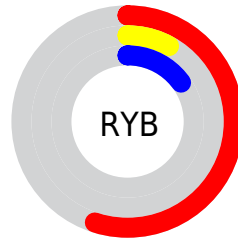
The CIELCh color **30, 53.799, 26.060** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **52, 34.454, 180.317**, and the grayscale version is **25, 0.004, 296.813**.

A 20% lighter version of the original color is **50, 53.832, 25.866**, and **14, 41.690, 32.564** is the 20% darker color. If you saturate the color by 10%, you get **29, 58.851, 30.660**, and if you desaturate by 10%, it is **32, 48.082, 21.992**.

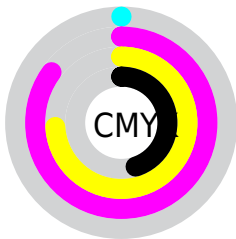
Distribution



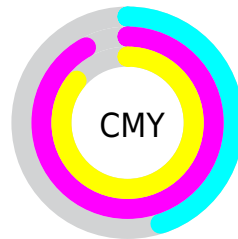
- Red (55%)
- Green (8%)
- Blue (15%)



- Red (55%)
- Yellow (8%)
- Blue (15%)



- Cyan (0%)
- Magenta (85%)
- Yellow (74%)
- Black (45%)



- Cyan (45%)
- Magenta (92%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 30, 53.799, 26.060 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, 53.799, 26.060 by changing the saturation by 10% instead.

■ 30, 53.799, 26.060

■ 30, 53.799, 26.060

■ 100, 53.799,
26.060

■ 20, 53.799, 26.060

■ 50, 53.799, 26.060

■ 10, 53.799, 26.060

■ 60, 53.799, 26.060

■ 0, 53.799, 26.060

■ 70, 53.799, 26.060

■ 80, 53.799, 26.060

■ 90, 53.799, 26.060

■ 30, 53.799, 26.060

■ 30, 53.799, 26.060

■ 29, 58.851, 30.660

■ 32, 48.082, 21.992

28, 61.312, 32.701

34, 41.800, 18.645

37, 35.142, 15.971

40, 28.335, 13.852

44, 21.583, 12.160

48, 15.036, 10.790

52, 8.781, 9.655

56, 2.860, 8.629

60, 2.718, 188.132

Harmonies

Complementary

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



30, 53.799, 26.060



52, 34.454, 180.317

Rectangle

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



30, 53.799, 26.060



30, 53.799, 76.060



30, 53.799, 206.060



30, 53.799, 256.060

Sweetspot

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



30, 53.797, 26.062



61, 19.339, 10.979



31, 70.294, 322.936



30, 13.318, 11.378



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, 53.797, 26.062



38, 74.972, 33.828



36, 49.549, 52.140



27, 3.194, 9.055



27, 58.799, 32.422



0, 1.445, 8.351

Inverse Universe

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



30, 53.797, 26.062



38, 74.972, 33.828



39, 30.130, 256.729



27, 3.194, 9.055



27, 58.799, 32.422



0, 1.445, 8.351

Previews

White Background



This preview shows how the CIELCh color 30, 53.799, 26.060 looks on a white background.

Color Contrast Check

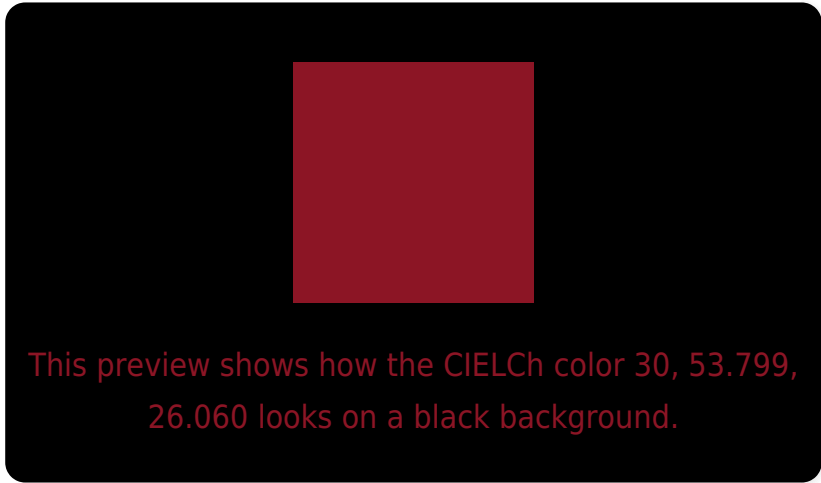
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

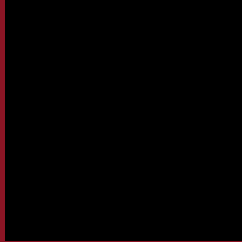
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 30, 53.799, 26.060

Background



This preview shows how black text looks on a background with the CIELCh color 30, 53.799, 26.060.



This preview shows how white text looks on a background with the CIELCh color 30, 53.799, 26.060.

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, 53.799, 26.060

Protanopia

31, 12.851, 97.023

Deuteranopia

31, 26.834, 81.397



Tritanopia
30, 57.046, 34.561

Trichromacy



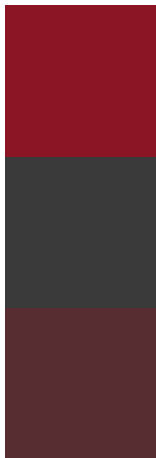
Original Color
30, 53.799, 26.060

Protanomaly
28, 24.319, 34.084

Deuteranomaly
29, 32.808, 45.008

Tritanomaly
30, 55.777, 31.760

Monochromacy



Original Color
30, 53.799, 26.060

Achromatopsia
24, 0.004, 296.813

Achromatomaly
24, 21.063, 15.503

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 53.799, 26.060 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(140, 21, 37)` looks like.

```
.text, #text, p{  
    color:rgb(140, 21, 37)  
}
```

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(140, 21, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 21, 37) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 53.799, 26.060 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(140, 21, 37) }
```

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

```
.border{ border-color:rgb(140, 21, 37) }
```

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

Here you see how a box with a 4 pixel rgb(140, 21, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 21, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 21, 37);  
box-shadow:4px 4px 4px 4px rgb(140, 21,  
37) }
```

Background

The CSS property to change the background color of an element to CIELCh 30, 53.799, 26.060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 21, 37) }
```

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

```
.background{ background-color: rgb(140, 21,  
37) }
```

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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