

Converting Colors

CIELCh(28, 55.273, 30.104)

Have a look what the booklet for
CIELCh(28, 55.273, 30.104) contains.

CIELCh(28, 55.352, 30.360)	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(28, 55.352, 30.360)

Conversions

Conversions Part 1

Format	Color
Hex	860E1A
RGB	134, 14, 26
RGB Percent	53%, 5%, 10%
CMY	0.4745, 0.9450, 0.8980
CMYK	0.00, 0.90, 0.81, 0.47
HSL	354°, 81%, 29%
HSV	354°, 90%, 53%
XYZ	10.1756, 5.4574, 1.4944
YIQ	51.2480, 67.6680, 29.1720

Conversions

Conversions Part 2

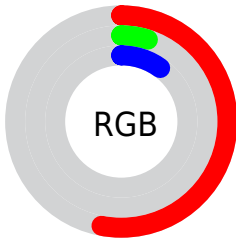
Format	Color
R_{YB}	134, 14, 26
Decimal	8785434
CIE _{Lab}	28.00, 47.76, 27.98
CIE _{LCh}	28, 55.352, 30.360
Yxy	5.4574, 0.5941, 0.3186
Android (android.graphics.Color)	4286975514 (0xFF860E1A)
YUV	51.2480, -12.4473, 72.5735
Hunter-Lab	23.3610, 36.8695, 12.5598

Details

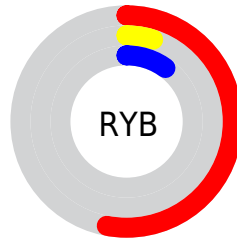
The CIELCh color **28, 55.352, 30.360** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **50, 32.865, 183.729**, and the grayscale version is **21, 0.004, 296.813**.

A 20% lighter version of the original color is **48, 55.276, 30.129**, and **13, 38.975, 31.113** is the 20% darker color. If you saturate the color by 10%, you get **27, 60.359, 34.393**, and if you desaturate by 10%, it is **29, 49.781, 26.164**.

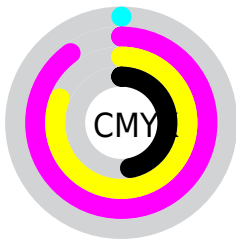
Distribution



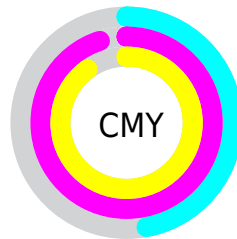
- Red (53%)
- Green (5%)
- Blue (10%)



- Red (53%)
- Yellow (5%)
- Blue (10%)



- Cyan (0%)
- Magenta (90%)
- Yellow (81%)
- Black (47%)



- Cyan (47%)
- Magenta (95%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 28, 55.352, 30.360 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 28, 55.352, 30.360 by changing the saturation by 10% instead.

■ 28, 55.352, 30.360

■ 28, 55.352, 30.360

■ 100, 55.352,
30.360

■ 18, 55.352, 30.360

■ 48, 55.352, 30.360

■ 8, 55.352, 30.360

■ 58, 55.352, 30.360

■ 0, 55.352, 30.360

■ 68, 55.352, 30.360

■ 78, 55.352, 30.360

■ 88, 55.352, 30.360

■ 98, 55.352, 30.360

■ 28, 55.352, 30.360

■ 28, 55.352, 30.360

27, 60.359, 34.393

29, 49.781, 26.164

27, 60.575, 34.527

32, 43.638, 22.569

34, 37.111, 19.652

37, 30.415, 17.336

41, 23.751, 15.503

44, 17.278, 14.040

48, 11.094, 12.853

52, 5.249, 11.851

56, 0.243, 192.768

Harmonies

Complementary

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



28, 55.352, 30.360



50, 32.865, 183.729

Rectangle

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



28, 55.352, 30.360



28, 55.352, 80.360



28, 55.352, 210.360



28, 55.352, 260.360

Sweetspot

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



28, 55.350, 30.362



58, 19.384, 13.790



30, 69.408, 324.588



28, 13.112, 14.157



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



28, 55.350, 30.362



36, 74.088, 35.636



35, 49.381, 55.434



26, 3.072, 11.811



26, 59.147, 34.331



0, 0.716, 11.156

Inverse Universe

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



28, 55.350, 30.362



36, 74.088, 35.636



35, 32.675, 266.148



26, 3.072, 11.811



26, 59.147, 34.331



0, 0.716, 11.156

Previews

White Background



This preview shows how the CIELCh color 28, 55.352, 30.360 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 28, 55.352, 30.360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

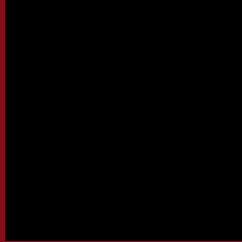
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 28, 55.352, 30.360

Background



This preview shows how black text looks on a background with the CIELCh color 28, 55.352, 30.360.



This preview shows how white text looks on a background with the CIELCh color 28, 55.352, 30.360.

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

28, 55.352, 30.360

Protanopia

29, 18.565, 97.244

Deuteranopia

29, 31.867, 83.534



Tritanopia
28, 58.387, 36.794

Trichromacy



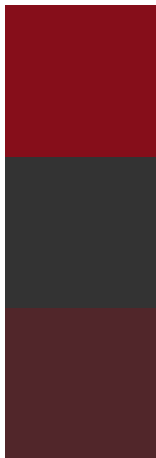
Original Color
28, 55.352, 30.360

Protanomaly
26, 26.961, 42.813

Deuteranomaly
26, 36.666, 49.740

Tritanomaly
28, 57.373, 34.850

Monochromacy



Original Color
28, 55.352, 30.360

Achromatopsia
21, 0.004, 296.813

Achromatomaly
21, 21.569, 17.945

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 28, 55.352, 30.360 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, 14, 26)` looks like.

```
.text, #text, p{  
    color:rgb(134, 14, 26)  
}
```

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, 14, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 14, 26) }
```

Border

The CSS property to change the border of an element to CIELCh 28, 55.352, 30.360 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, 14, 26) }
```

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

```
.border{ border-color:rgb(134, 14, 26) }
```

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

Here you see how a box with a 4 pixel rgb(134, 14, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 14, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 14, 26);  
box-shadow:4px 4px 4px 4px rgb(134, 14,  
26) }
```

Background

The CSS property to change the background color of an element to CIELCh 28, 55.352, 30.360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 14, 26) }
```

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

```
.background{ background-color: rgb(134, 14,  
26) }
```

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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