

Converting Colors

CIELCh(34, 60.499, 28.382)

Have a look what the booklet for
CIELCh(34, 60.499, 28.382) contains.

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Color

CIELCh(34, 60.482, 28.155)

Conversions

Conversions Part 1

Format	Color
Hex	9E1626
RGB	158, 22, 38
RGB Percent	62%, 9%, 15%
CMY	0.3798, 0.9128, 0.8505
CMYK	0.00, 0.86, 0.76, 0.38
HSL	353°, 75%, 35%
HSV	353°, 86%, 62%
XYZ	14.7748, 8.0082, 2.6102
YIQ	64.4880, 75.9200, 33.8080

Conversions

Conversions Part 2

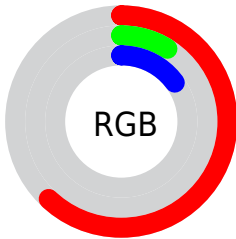
Format	Color
R_{YB}	158, 22, 38
Decimal	10360358
CIE _{Lab}	34.00, 53.33, 28.54
CIE _{LCh}	34, 60.482, 28.155
Yxy	8.0082, 0.5818, 0.3154
Android (android.graphics.Color)	4288550438 (0xFF9E1626)
YUV	64.4880, -13.0586, 82.0100
Hunter-Lab	28.2988, 43.6722, 14.3404

Details

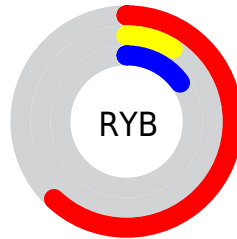
The CIELCh color **34, 60.482, 28.155** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **59, 37.344, 182.050**, and the grayscale version is **27, 0.004, 296.813**.

A 20% lighter version of the original color is **54, 60.346, 28.114**, and **18, 48.773, 35.419** is the 20% darker color. If you saturate the color by 10%, you get **33, 66.070, 32.735**, and if you desaturate by 10%, it is **36, 54.100, 23.968**.

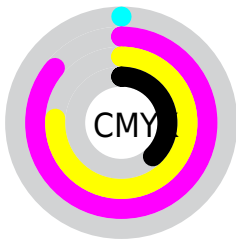
Distribution



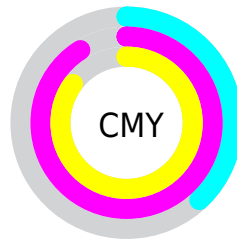
- Red (62%)
- Green (9%)
- Blue (15%)



- Red (62%)
- Yellow (9%)
- Blue (15%)



- Cyan (0%)
- Magenta (86%)
- Yellow (76%)
- Black (38%)



- Cyan (38%)
- Magenta (91%)
- Yellow (85%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 34, 60.482, 28.155 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 34, 60.482, 28.155 by changing the saturation by 10% instead.

 34, 60.482, 28.155

 34, 60.482, 28.155

 100, 60.482,
28.155

 24, 60.482, 28.155

 54, 60.482, 28.155

 14, 60.482, 28.155

 64, 60.482, 28.155

 4, 60.482, 28.155

 74, 60.482, 28.155

 0, 60.482, 28.155

 84, 60.482, 28.155

 94, 60.482, 28.155

 34, 60.482, 28.155

 34, 60.482, 28.155

 33, 66.070, 32.735

 36, 54.100, 23.968

■ 33, 68.232, 34.351

■ 38, 47.087, 20.477

■ 42, 39.655, 17.682

■ 45, 32.058, 15.473

■ 49, 24.528, 13.723

■ 53, 17.236, 12.318

■ 58, 10.282, 11.166

■ 62, 3.716, 10.153

■ 67, 2.453, 189.670

Harmonies

Complementary

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



34, 60.482, 28.155



59, 37.344, 182.050

Rectangle

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



34, 60.482, 28.155



34, 60.482, 78.155



34, 60.482, 208.155



34, 60.482, 258.155

Sweetspot

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



34, 60.479, 28.157



68, 21.502, 12.390



35, 77.586, 323.473



34, 14.826, 12.819



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



34, 60.479, 28.157



43, 84.079, 35.308



41, 55.020, 53.209



31, 3.571, 10.487



29, 63.008, 33.899



1, 4.540, 10.270

Inverse Universe

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



34, 60.479, 28.157



43, 84.079, 35.308



43, 34.256, 260.153



31, 3.571, 10.487



29, 63.008, 33.899



1, 4.540, 10.270

Previews

White Background



This preview shows how the CIELCh color 34, 60.482, 28.155 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 34, 60.482, 28.155 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 34, 60.482, 28.155

Background



This preview shows how black text looks on a background with the CIELCh color 34, 60.482, 28.155.



This preview shows how white text looks on a background with the CIELCh color 34, 60.482, 28.155.

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

34, 60.482, 28.155

Protanopia

35, 16.309, 97.266

Deuteranopia

35, 32.202, 82.336



Tritanopia
34, 63.852, 35.253

Trichromacy



Original Color
34, 60.482, 28.155

Protanomaly
32, 28.336, 37.595

Deuteranomaly
32, 38.484, 47.909

Tritanomaly
34, 62.582, 32.919

Monochromacy



Original Color
34, 60.482, 28.155

Achromatopsia
28, 0.004, 296.813

Achromatomaly
27, 24.088, 15.678

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 60.482, 28.155 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(158, 22, 38)` looks like.

```
.text, #text, p{  
    color:rgb(158, 22, 38)  
}
```

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(158, 22, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 22, 38) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 60.482, 28.155 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(158, 22, 38) }
```

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

```
.border{ border-color:rgb(158, 22, 38) }
```

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

Here you see how a box with a 4 pixel rgb(158, 22, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 22, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 22, 38);  
box-shadow:4px 4px 4px 4px rgb(158, 22,  
38) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 60.482, 28.155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 22, 38) }
```

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

```
.background{ background-color: rgb(158, 22,  
38) }
```

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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