

Converting Colors

CIELCh(34, 58.359, 30.547)

Have a look what the booklet for
CIELCh(34, 58.359, 30.547) contains.

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Color

CIELCh(34, 58.384, 30.569)

Conversions

Conversions Part 1

Format	Color
Hex	9B1E24
RGB	155, 30, 36
RGB Percent	61%, 12%, 14%
CMY	0.3926, 0.8828, 0.8591
CMYK	0.00, 0.81, 0.77, 0.39
HSL	357°, 68%, 36%
HSV	357°, 81%, 61%
XYZ	14.2767, 8.0082, 2.4566
YIQ	68.0590, 72.5740, 28.3660

Conversions

Conversions Part 2

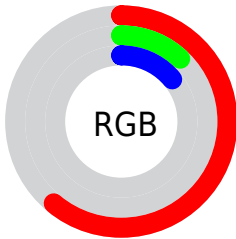
Format	Color
R_{YB}	155, 30, 36
Decimal	10165796
CIE Lab	34.00, 50.27, 29.69
CIE LCh	34, 58.384, 30.569
Yxy	8.0082, 0.5770, 0.3237
Android (android.graphics.Color)	4288355876 (0xFF9B1E24)
YUV	68.0590, -15.8051, 76.2473
Hunter-Lab	28.2988, 40.5303, 14.6621

Details

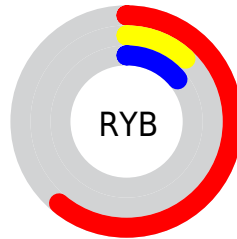
The CIELCh color **34, 58.384, 30.569** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **58, 33.810, 190.518**, and the grayscale version is **29, 0.005, 296.813**.

A 20% lighter version of the original color is **54, 58.394, 30.545**, and **18, 47.902, 35.127** is the 20% darker color. If you saturate the color by 10%, you get **33, 64.886, 34.542**, and if you desaturate by 10%, it is **36, 51.093, 26.950**.

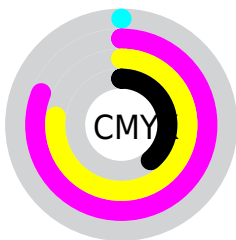
Distribution



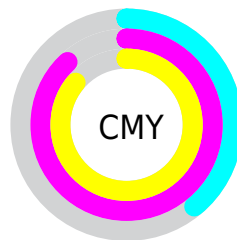
- Red (61%)
- Green (12%)
- Blue (14%)



- Red (61%)
- Yellow (12%)
- Blue (14%)



- Cyan (0%)
- Magenta (81%)
- Yellow (77%)
- Black (39%)



- Cyan (39%)
- Magenta (88%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 34, 58.384, 30.569 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, 58.384, 30.569 by changing the saturation by 10% instead.

■ 34, 58.384, 30.569

■ 34, 58.384, 30.569

■ 100, 58.384,
30.569

■ 24, 58.384, 30.569

■ 54, 58.384, 30.569

■ 14, 58.384, 30.569

■ 64, 58.384, 30.569

■ 4, 58.384, 30.569

■ 74, 58.384, 30.569

■ 0, 58.384, 30.569

■ 84, 58.384, 30.569

■ 94, 58.384, 30.569

■ 34, 58.384, 30.569

■ 34, 58.384, 30.569

■ 33, 64.886, 34.542

■ 36, 51.093, 26.950

32, 69.826, 37.617

39, 43.391, 23.946

42, 35.550, 21.558

46, 27.806, 19.689

50, 20.340, 18.225

55, 13.260, 17.065

59, 6.617, 16.117

64, 0.418, 14.368

68, 5.353, 194.927

Harmonies

Complementary

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



34, 58.384, 30.569



58, 33.810, 190.518

Rectangle

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



34, 58.384, 30.569



34, 58.384, 80.569



34, 58.384, 210.569



34, 58.384, 260.569

Sweetspot

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



34, 58.382, 30.571



68, 19.294, 17.472



37, 73.953, 326.295



34, 13.511, 17.862



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



34, 58.382, 30.571



42, 83.997, 37.497



44, 49.285, 60.656



30, 3.442, 15.986



28, 64.516, 37.109



1, 3.607, 15.461

Inverse Universe

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



34, 58.382, 30.571



42, 83.997, 37.497



40, 36.572, 269.342



30, 3.442, 15.986



28, 64.516, 37.109



1, 3.607, 15.461

Previews

White Background



This preview shows how the CIELCh color 34, 58.384, 30.569 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, 58.384, 30.569 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, 58.384, 30.569

Background



This preview shows how black text looks on a background with the CIELCh color 34, 58.384, 30.569.



This preview shows how white text looks on a background with the CIELCh color 34, 58.384, 30.569.

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, 58.384, 30.569

Protanopia

35, 19.370, 96.763

Deuteranopia

34, 32.948, 81.661



Tritanopia
34, 59.576, 33.321

Trichromacy



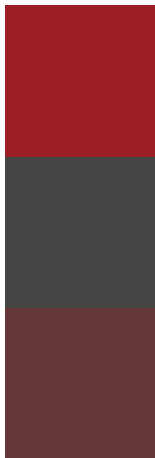
Original Color
34, 58.384, 30.569

Protanomaly
32, 28.120, 44.773

Deuteranomaly
33, 38.447, 51.152

Tritanomaly
34, 59.011, 32.346

Monochromacy



Original Color
34, 58.384, 30.569

Achromatopsia
29, 0.005, 296.813

Achromatomaly
28, 22.173, 20.610

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 58.384, 30.569 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(155, 30, 36)` looks like.

```
.text, #text, p{  
    color:rgb(155, 30, 36)  
}
```

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(155, 30, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 30, 36) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 58.384, 30.569 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(155, 30, 36) }
```

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

```
.border{ border-color:rgb(155, 30, 36) }
```

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

Here you see how a box with a 4 pixel rgb(155, 30, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 30, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 30, 36);  
box-shadow:4px 4px 4px 4px rgb(155, 30,  
36) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 58.384, 30.569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 30, 36) }
```

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

```
.background{ background-color: rgb(155, 30,  
36) }
```

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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