

Converting Colors

CIELCh(34, 57.504, 27.385)

Have a look what the booklet for
CIELCh(34, 57.504, 27.385) contains.

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Color

CIELCh(34, 57.504, 27.385)

Conversions

Conversions Part 1

Format	Color
Hex	9B1C29
RGB	155, 28, 41
RGB Percent	61%, 11%, 16%
CMY	0.3910, 0.8887, 0.8384
CMYK	0.00, 0.82, 0.73, 0.39
HSL	354°, 69%, 36%
HSV	354°, 82%, 61%
XYZ	14.4045, 8.0082, 2.9043
YIQ	67.4550, 71.5190, 30.9670

Conversions

Conversions Part 2

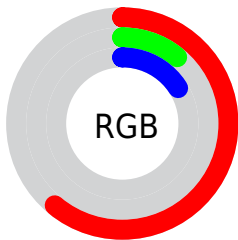
Format	Color
RYB	155, 28, 41
Decimal	10165289
CIELab	34.00, 51.06, 26.45
CIELCh	34, 57.504, 27.385
Yxy	8.0082, 0.5690, 0.3163
Android (android.graphics.Color)	4288355369 (0xFF9B1C29)
YUV	67.4550, -13.0423, 76.7770
Hunter-Lab	28.2988, 41.3359, 13.7243

Details

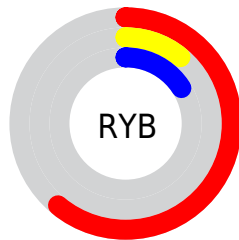
The CIELCh color **34, 57.504, 27.385** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **58, 35.559, 184.269**, and the grayscale version is **29, 0.005, 296.813**.

A 20% lighter version of the original color is **54, 57.617, 27.573**, and **18, 47.902, 35.127** is the 20% darker color. If you saturate the color by 10%, you get **33, 63.505, 31.783**, and if you desaturate by 10%, it is **36, 50.769, 23.526**.

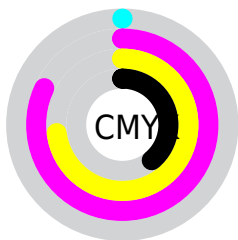
Distribution



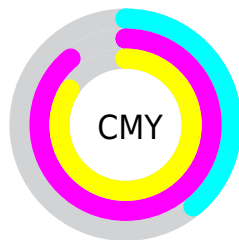
- Red (61%)
- Green (11%)
- Blue (16%)



- Red (61%)
- Yellow (11%)
- Blue (16%)



- Cyan (0%)
- Magenta (82%)
- Yellow (73%)
- Black (39%)



- Cyan (39%)
- Magenta (89%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 34, 57.504, 27.385 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, 57.504, 27.385 by changing the saturation by 10% instead.

■ 34, 57.504, 27.385

■ 34, 57.504, 27.385

■ 100, 57.504,
27.385

■ 24, 57.504, 27.385

■ 54, 57.504, 27.385

■ 14, 57.504, 27.385

■ 64, 57.504, 27.385

■ 4, 57.504, 27.385

■ 74, 57.504, 27.385

■ 0, 57.504, 27.385

■ 84, 57.504, 27.385

■ 94, 57.504, 27.385

■ 34, 57.504, 27.385

■ 34, 57.504, 27.385

■ 33, 63.505, 31.783

■ 36, 50.769, 23.526

32, 67.929, 35.151

39, 43.526, 20.362

42, 36.010, 17.847

46, 28.466, 15.864

50, 21.095, 14.290

54, 14.029, 13.022

59, 7.339, 11.971

63, 1.051, 10.764

68, 4.840, 190.568

Harmonies

Complementary

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



34, 57.504, 27.385



58, 35.559, 184.269

Rectangle

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



34, 57.504, 27.385



34, 57.504, 77.385



34, 57.504, 207.385



34, 57.504, 257.385

Sweetspot

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



34, 57.502, 27.387



67, 20.175, 13.467



36, 74.606, 324.063



34, 14.008, 13.884



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, 57.502, 27.387



42, 82.066, 35.316



42, 51.038, 54.944



30, 3.464, 11.726



28, 62.741, 34.710



1, 3.640, 11.185

Inverse Universe

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



34, 57.502, 27.387



42, 82.066, 35.316



43, 33.351, 260.744



30, 3.464, 11.726



28, 62.741, 34.710



1, 3.640, 11.185

Previews

White Background



This preview shows how the CIELCh color 34, 57.504, 27.385 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 34, 57.504, 27.385 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, 57.504, 27.385

Background



This preview shows how black text looks on a background with the CIELCh color 34, 57.504, 27.385.

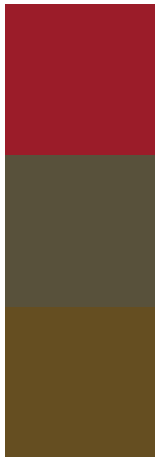


This preview shows how white text looks on a background with the CIELCh color 34, 57.504, 27.385.

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, 57.504, 27.385

Protanopia

35, 14.047, 94.132

Deuteranopia

35, 29.981, 82.164



Tritanopia
34, 60.053, 33.548

Trichromacy



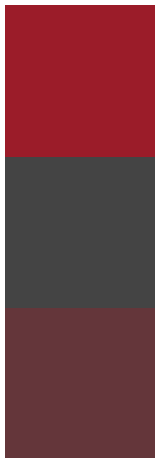
Original Color
34, 57.504, 27.385

Protanomaly
32, 25.669, 35.881

Deuteranomaly
33, 36.128, 47.367

Tritanomaly
34, 59.118, 31.354

Monochromacy



Original Color
34, 57.504, 27.385

Achromatopsia
29, 0.005, 296.813

Achromatomaly
29, 22.013, 17.349

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 57.504, 27.385 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, 28, 41)` looks like.

```
.text, #text, p{  
    color:rgb(155, 28, 41)  
}
```

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, 28, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 28, 41) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 57.504, 27.385 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, 28, 41) }
```

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

```
.border{ border-color:rgb(155, 28, 41) }
```

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

Here you see how a box with a 4 pixel rgb(155, 28, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 28, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 28, 41);  
box-shadow:4px 4px 4px 4px rgb(155, 28,  
41) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 57.504, 27.385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 28, 41) }
```

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

```
.background{ background-color: rgb(155, 28,  
41) }
```

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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