

Converting Colors

CIELCh(34, 55.878, 28.266)

Have a look what the booklet for
CIELCh(34, 55.878, 28.266) contains.

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Color

CIELCh(34, 55.873, 28.153)

Conversions

Conversions Part 1

Format	Color
Hex	992029
RGB	153, 32, 41
RGB Percent	60%, 13%, 16%
CMY	0.3990, 0.8733, 0.8385
CMYK	0.00, 0.79, 0.73, 0.40
HSL	356°, 65%, 36%
HSV	356°, 79%, 60%
XYZ	14.1151, 8.0082, 2.9170
YIQ	69.2050, 69.2270, 28.4510

Conversions

Conversions Part 2

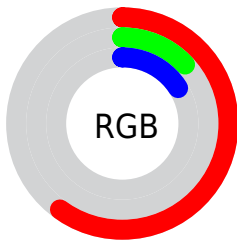
Format	Color
R_{YB}	153, 32, 41
Decimal	10035241
CIE _{Lab}	34.00, 49.26, 26.36
CIE _{LCh}	34, 55.873, 28.153
Yxy	8.0082, 0.5637, 0.3198
Android (android.graphics.Color)	4288225321 (0xFF992029)
YUV	69.2050, -13.9051, 73.4882
Hunter-Lab	28.2988, 39.5107, 13.6976

Details

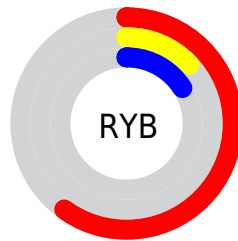
The CIELCh color **34, 55.873, 28.153** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **57, 33.872, 187.670**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **54, 55.764, 28.254**, and **17, 47.026, 34.818** is the 20% darker color. If you saturate the color by 10%, you get **32, 62.299, 32.277**, and if you desaturate by 10%, it is **36, 48.782, 24.560**.

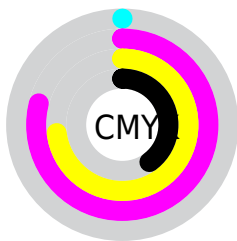
Distribution



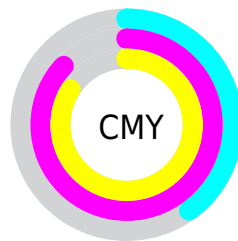
- Red (60%)
- Green (13%)
- Blue (16%)



- Red (60%)
- Yellow (13%)
- Blue (16%)



- Cyan (0%)
- Magenta (79%)
- Yellow (73%)
- Black (40%)



- Cyan (40%)
- Magenta (87%)
- Yellow (84%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 34, 55.873, 28.153 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, 55.873, 28.153 by changing the saturation by 10% instead.

 34, 55.873, 28.153

 34, 55.873, 28.153

 100, 55.873,
28.153

 24, 55.873, 28.153

 54, 55.873, 28.153

 14, 55.873, 28.153

 64, 55.873, 28.153

 4, 55.873, 28.153

 74, 55.873, 28.153

 0, 55.873, 28.153

 84, 55.873, 28.153

 94, 55.873, 28.153

 34, 55.873, 28.153

 34, 55.873, 28.153

 32, 62.299, 32.277

 36, 48.782, 24.560

31, 67.794, 36.178

39, 41.301, 21.629

31, 68.338, 36.494

43, 33.679, 19.309

46, 26.145, 17.485

51, 18.868, 16.044

55, 11.955, 14.887

59, 5.453, 13.919

64, 0.630, 193.947

68, 6.311, 192.681

Harmonies

Complementary

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



34, 55.873, 28.153



57, 33.872, 187.670

Rectangle

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



34, 55.873, 28.153



34, 55.873, 78.153



34, 55.873, 208.153



34, 55.873, 258.153

Sweetspot

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



34, 55.871, 28.155



67, 19.088, 15.499



36, 72.442, 325.164



33, 13.215, 15.894



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



34, 55.871, 28.155



42, 80.828, 35.573



43, 48.091, 58.023



30, 3.450, 13.946



28, 63.710, 36.055



1, 3.620, 13.411

Inverse Universe

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



34, 55.871, 28.155



42, 80.828, 35.573



42, 33.744, 264.234



30, 3.450, 13.946



28, 63.710, 36.055



1, 3.620, 13.411

Previews

White Background



This preview shows how the CIE LCh color 34, 55.873, 28.153 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, 55.873, 28.153 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, 55.873, 28.153

Background



This preview shows how black text looks on a background with the CIELCh color 34, 55.873, 28.153.

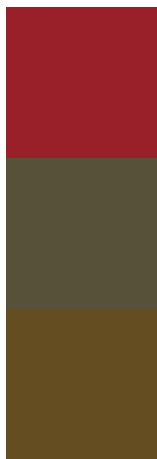


This preview shows how white text looks on a background with the CIELCh color 34, 55.873, 28.153.

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, 55.873, 28.153

Protanopia

35, 14.645, 94.550

Deuteranopia

34, 29.242, 80.598



Tritanopia
34, 57.296, 32.516

Trichromacy



Original Color
34, 55.873, 28.153

Protanomaly
32, 25.675, 38.481

Deuteranomaly
33, 35.101, 47.918

Tritanomaly
34, 56.685, 30.652

Monochromacy



Original Color
34, 55.873, 28.153

Achromatopsia
29, 0.005, 296.813

Achromatomaly
29, 21.009, 18.424

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 55.873, 28.153 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(153, 32, 41)` looks like.

```
.text, #text, p{  
    color:rgb(153, 32, 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(153, 32, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 32, 41) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 55.873, 28.153 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(153, 32, 41) }
```

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

```
.border{ border-color:rgb(153, 32, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 32, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 32, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 32, 41);  
box-shadow:4px 4px 4px 4px rgb(153, 32,  
41) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 55.873, 28.153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 32, 41) }
```

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

```
.background{ background-color: rgb(153, 32,  
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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