

Converting Colors

CIELCh(35, 53.898, 30.997)

Have a look what the booklet for
CIELCh(35, 53.898, 30.997) contains.

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Color

CIELCh(35, 53.789, 30.974)

Conversions

Conversions Part 1

Format	Color
Hex	992929
RGB	153, 41, 41
RGB Percent	60%, 16%, 16%
CMY	0.4005, 0.8396, 0.8395
CMYK	0.00, 0.73, 0.73, 0.40
HSL	360°, 58%, 38%
HSV	360°, 73%, 60%
XYZ	14.3024, 8.4984, 2.9765
YIQ	74.4880, 66.7520, 23.7440

Conversions

Conversions Part 2

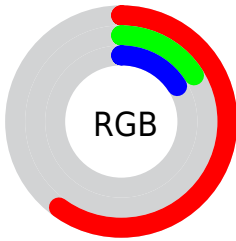
Format	Color
RYB	153, 41, 41
Decimal	10037545
CIELab	35.00, 46.12, 27.68
CIElCh	35, 53.789, 30.974
Yxy	8.4984, 0.5548, 0.3297
Android (android.graphics.Color)	4288227625 (0xFF992929)
YUV	74.4880, -16.5096, 68.8550
Hunter-Lab	29.1520, 36.5590, 14.3527

Details

The CIELCh color **35, 53.789, 30.974** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **58, 31.162, 196.620**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 53.482, 30.904**, and **18, 47.465, 34.974** is the 20% darker color. If you saturate the color by 10%, you get **33, 61.239, 34.425**, and if you desaturate by 10%, it is **38, 45.827, 27.974**.

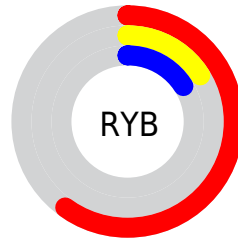
Distribution



Red (60%)

Green (16%)

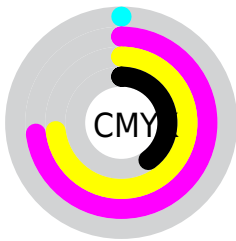
Blue (16%)



Red (60%)

Yellow (16%)

Blue (16%)

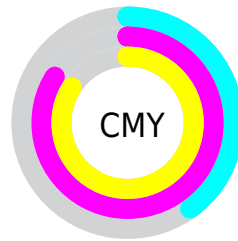


Cyan (0%)

Magenta (73%)

Yellow (73%)

Black (40%)



Cyan (40%)

Magenta (84%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 35, 53.789, 30.974 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 35, 53.789, 30.974 by changing the saturation by 10% instead.

■ 35, 53.789, 30.974

■ 35, 53.789, 30.974

■ 100, 53.789,
30.974

■ 25, 53.789, 30.974

■ 55, 53.789, 30.974

■ 15, 53.789, 30.974

■ 65, 53.789, 30.974

■ 5, 53.789, 30.974

■ 75, 53.789, 30.974

■ 0, 53.789, 30.974

■ 85, 53.789, 30.974

■ 95, 53.789, 30.974

■ 35, 53.789, 30.974

■ 35, 53.789, 30.974

■ 33, 61.239, 34.425

■ 38, 45.827, 27.974

32, 67.449, 37.744

41, 37.737, 25.553

31, 70.880, 39.515

45, 29.777, 23.664

49, 22.134, 22.207

53, 14.919, 21.082

57, 8.184, 20.196

62, 1.933, 19.347

66, 3.858, 199.171

71, 9.225, 198.684

Harmonies

Complementary

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



35, 53.789, 30.974



58, 31.162, 196.620

Rectangle

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



35, 53.789, 30.974



35, 53.789, 80.974



35, 53.789, 210.974



35, 53.789, 260.974

Sweetspot

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



35, 53.787, 30.976



68, 17.439, 21.002



39, 69.312, 327.270



34, 11.795, 21.247



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



35, 53.787, 30.976



43, 79.574, 36.659



46, 43.817, 64.702



30, 3.439, 19.881



28, 66.107, 39.042



1, 3.595, 19.390

Inverse Universe

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



35, 53.787, 30.976



43, 79.574, 36.659



41, 34.964, 270.277



30, 3.439, 19.881



28, 66.107, 39.042



1, 3.595, 19.390

Previews

White Background



This preview shows how the CIELCh color 35, 53.789, 30.974 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 35, 53.789, 30.974 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 35, 53.789, 30.974

Background



This preview shows how black text looks on a background with the CIELCh color 35, 53.789, 30.974.



This preview shows how white text looks on a background with the CIELCh color 35, 53.789, 30.974.

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

35, 53.789, 30.974

Protanopia

36, 18.120, 96.455

Deuteranopia

35, 30.405, 80.516



Tritanopia
35, 53.526, 30.400

Trichromacy



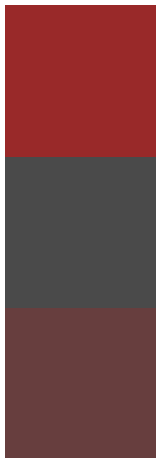
Original Color
35, 53.789, 30.974

Protanomaly
34, 26.196, 47.232

Deuteranomaly
34, 35.337, 51.312

Tritanomaly
35, 53.526, 30.400

Monochromacy



Original Color
35, 53.789, 30.974

Achromatopsia
31, 0.005, 296.813

Achromatomaly
31, 19.501, 22.902

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 53.789, 30.974 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, 41, 41)` looks like.

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

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

Border

The CSS property to change the border of an element to CIELCh 35, 53.789, 30.974 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, 41, 41) }
```

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

```
.border{ border-color:rgb(153, 41, 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, 41, 41)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 35, 53.789, 30.974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(153, 41,  
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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