

Converting Colors

CIELCh(35, 53.891, 36.561)

Have a look what the booklet for
CIELCh(35, 53.891, 36.561) contains.

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Color

CIELCh(35, 53.823, 36.712)

Conversions

Conversions Part 1

Format	Color
Hex	962D21
RGB	150, 45, 33
RGB Percent	59%, 18%, 13%
CMY	0.4111, 0.8229, 0.8701
CMYK	0.00, 0.70, 0.78, 0.41
HSL	6°, 64%, 36%
HSV	6°, 78%, 59%
XYZ	13.8284, 8.4984, 2.3591
YIQ	75.0270, 66.4320, 18.5280

Conversions

Conversions Part 2

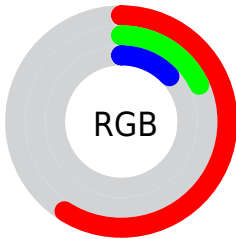
Format	Color
R_{YB}	150, 46, 33
Decimal	9841953
CIE _{Lab}	35.00, 43.15, 32.18
CIE _{LCh}	35, 53.823, 36.712
Yxy	8.4984, 0.5602, 0.3443
Android (android.graphics.Color)	4288032033 (0xFF962D21)
YUV	75.0270, -20.7193, 65.7513
Hunter-Lab	29.1520, 33.6562, 15.6084

Details

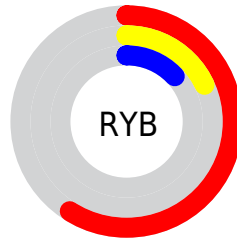
The CIELCh color **35, 53.823, 36.712** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **53, 28.393, 211.289**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 53.892, 36.717**, and **17, 46.147, 34.492** is the 20% darker color. If you saturate the color by 10%, you get **33, 61.226, 38.849**, and if you desaturate by 10%, it is **37, 45.927, 34.677**.

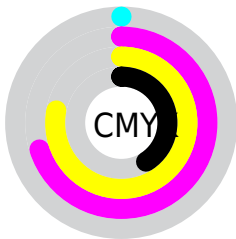
Distribution



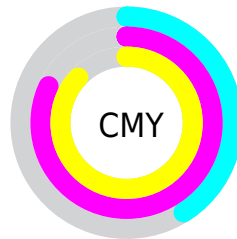
- Red (59%)
- Green (18%)
- Blue (13%)



- Red (59%)
- Yellow (18%)
- Blue (13%)



- Cyan (0%)
- Magenta (70%)
- Yellow (78%)
- Black (41%)



- Cyan (41%)
- Magenta (82%)
- Yellow (87%)
- Black (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 35, 53.823, 36.712 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, 53.823, 36.712 by changing the saturation by 10% instead.

 35, 53.823, 36.712

 35, 53.823, 36.712

 100, 53.823,
36.712

 25, 53.823, 36.712

 55, 53.823, 36.712

 15, 53.823, 36.712

 65, 53.823, 36.712

 5, 53.823, 36.712

 75, 53.823, 36.712

 0, 53.823, 36.712

 85, 53.823, 36.712

 95, 53.823, 36.712

 35, 53.823, 36.712

 35, 53.823, 36.712

 33, 61.226, 38.849

 37, 45.927, 34.677

32, 67.309, 40.670

40, 38.040, 32.976

31, 68.426, 41.096

44, 30.411, 31.645

47, 23.177, 30.643

51, 16.406, 29.911

55, 10.118, 29.382

59, 4.302, 28.976

63, 1.070, 209.280

67, 6.038, 208.808

Harmonies

Complementary

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



35, 53.823, 36.712



53, 28.393, 211.289

Rectangle

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



35, 53.823, 36.712



35, 53.823, 86.712



35, 53.823, 216.712



35, 53.823, 266.712

Sweetspot

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



35, 53.821, 36.715



68, 16.502, 29.653



37, 66.256, 331.547



34, 11.669, 29.843



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, 53.821, 36.715



42, 80.600, 40.195



47, 46.473, 74.619



29, 3.036, 29.026



29, 63.702, 40.801



1, 2.567, 28.889

Inverse Universe

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



53, 28.393, 211.289



66, 36.388, 213.801



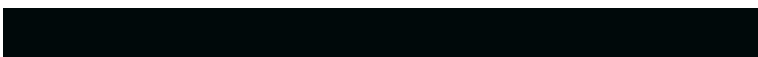
35, 44.303, 283.378



31, 2.866, 208.842



47, 28.219, 214.278



2, 2.567, 208.908

Previews

White Background



This preview shows how the CIELCh color 35, 53.823, 36.712 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, 53.823, 36.712 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, 53.823, 36.712

Background



This preview shows how black text looks on a background with the CIELCh color 35, 53.823, 36.712.



This preview shows how white text looks on a background with the CIELCh color 35, 53.823, 36.712.

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, 53.823, 36.712

Protanopia

36, 24.594, 96.784

Deuteranopia

35, 34.972, 81.924



Tritanopia
35, 50.893, 28.966

Trichromacy



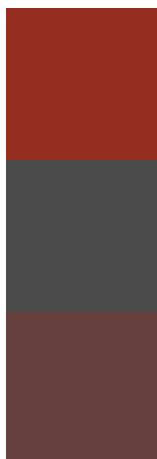
Original Color
35, 53.823, 36.712

Protanomaly
34, 29.704, 59.117

Deuteranomaly
34, 38.362, 58.675

Tritanomaly
35, 52.183, 31.978

Monochromacy



Original Color
35, 53.823, 36.712

Achromatopsia
32, 0.005, 296.813

Achromatomaly
31, 18.540, 30.168

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 53.823, 36.712 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(150, 45, 33)` looks like.

```
.text, #text, p{  
    color:rgb(150, 45, 33)  
}
```

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(150, 45, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 45, 33) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 53.823, 36.712 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(150, 45, 33) }
```

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

```
.border{ border-color:rgb(150, 45, 33) }
```

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

Here you see how a box with a 4 pixel rgb(150, 45, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 45, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 45, 33);  
box-shadow:4px 4px 4px 4px rgb(150, 45,  
33) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 53.823, 36.712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 45, 33) }
```

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

```
.background{ background-color: rgb(150, 45,  
33) }
```

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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