

Converting Colors

CIELCh(35, 62.107, 43.535)

Have a look what the booklet for
CIELCh(35, 62.107, 43.535) contains.

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Color

CIELCh(35, 62.354, 43.612)

Conversions

Conversions Part 1

Format	Color
Hex	9A2A0C
RGB	154, 42, 12
RGB Percent	60%, 16%, 5%
CMY	0.3974, 0.8364, 0.9540
CMYK	0.00, 0.73, 0.92, 0.40
HSL	13°, 86%, 32%
HSV	13°, 92%, 60%
XYZ	14.1461, 8.4984, 1.2337
YIQ	72.0680, 76.3820, 14.4140

Conversions

Conversions Part 2

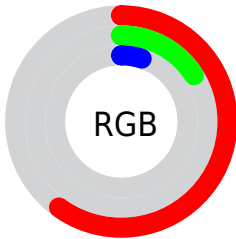
Format	Color
RYB	154, 50, 12
Decimal	10103308
CIELab	35.00, 45.15, 43.01
CIELCh	35, 62.354, 43.612
Yxy	8.4984, 0.5924, 0.3559
Android (android.graphics.Color)	4288293388 (0xFF9A2A0C)
YUV	72.0680, -29.6135, 71.8544
Hunter-Lab	29.1520, 35.6016, 17.8972

Details

The CIELCh color **35, 62.354, 43.612** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **48, 29.549, 234.589**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 62.619, 43.601**, and **17, 47.026, 34.818** is the 20% darker color. If you saturate the color by 10%, you get **34, 67.226, 44.137**, and if you desaturate by 10%, it is **37, 55.245, 43.043**.

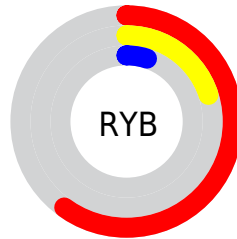
Distribution



Red (60%)

Green (16%)

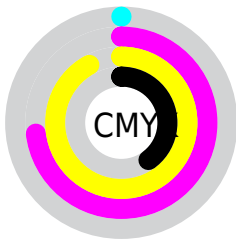
Blue (5%)



Red (60%)

Yellow (20%)

Blue (5%)

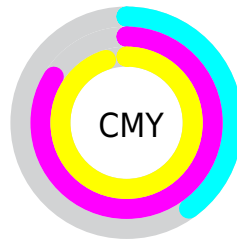


Cyan (0%)

Magenta (73%)

Yellow (92%)

Black (40%)



Cyan (40%)

Magenta (84%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 35, 62.354, 43.612 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, 62.354, 43.612 by changing the saturation by 10% instead.

■ 35, 62.354, 43.612

■ 35, 62.354, 43.612

■ 100, 62.354,
43.612

■ 25, 62.354, 43.612

■ 55, 62.354, 43.612

■ 15, 62.354, 43.612

■ 65, 62.354, 43.612

■ 5, 62.354, 43.612

■ 75, 62.354, 43.612

■ 0, 62.354, 43.612

■ 85, 62.354, 43.612

■ 95, 62.354, 43.612

■ 35, 62.354, 43.612

■ 35, 62.354, 43.612

■ 34, 67.226, 44.137

■ 37, 55.245, 43.043

■ 39, 47.427, 42.207

■ 42, 39.589, 41.450

■ 45, 32.042, 40.887

■ 48, 24.924, 40.533

■ 52, 18.286, 40.367

■ 55, 12.133, 40.352

■ 59, 6.444, 40.442

■ 63, 1.186, 40.354

Harmonies

Complementary

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



35, 62.354, 43.612



48, 29.549, 234.589

Rectangle

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



35, 62.354, 43.612



35, 62.354, 93.612



35, 62.354, 223.612



35, 62.354, 273.612

Sweetspot

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



35, 62.352, 43.614



68, 19.214, 40.346



35, 67.010, 337.221



34, 13.447, 40.368



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, 62.352, 43.614



44, 82.050, 43.730



50, 54.721, 80.693



30, 2.897, 40.477



31, 62.417, 44.079



1, 3.035, 40.368

Inverse Universe

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



48, 29.549, 234.589



60, 36.697, 238.239



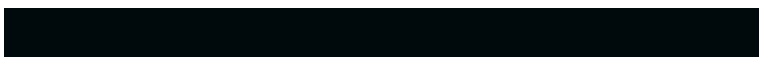
27, 63.790, 295.443



31, 2.741, 221.188



43, 28.259, 237.004



2, 3.011, 222.363

Previews

White Background



This preview shows how the CIELCh color 35, 62.354, 43.612 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, 62.354, 43.612 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, 62.354, 43.612

Background



This preview shows how black text looks on a background with the CIELCh color 35, 62.354, 43.612.



This preview shows how white text looks on a background with the CIELCh color 35, 62.354, 43.612.

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, 62.354, 43.612

Protanopia

36, 35.999, 95.934

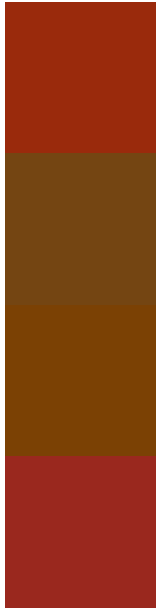
Deuteranopia

35, 44.069, 84.139



Tritanopia
35, 54.957, 30.923

Trichromacy



Original Color
35, 62.354, 43.612

Protanomaly
34, 40.325, 66.638

Deuteranomaly
34, 47.580, 63.502

Tritanomaly
35, 57.588, 36.367

Monochromacy



Original Color
35, 62.354, 43.612

Achromatopsia
31, 0.005, 296.813

Achromatomaly
30, 21.985, 40.769

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 62.354, 43.612 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(154, 42, 12)` looks like.

```
.text, #text, p{  
    color:rgb(154, 42, 12)  
}
```

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(154, 42, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 42, 12) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 62.354, 43.612 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(154, 42, 12) }
```

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

```
.border{ border-color:rgb(154, 42, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 42, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 42, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 42, 12);  
box-shadow:4px 4px 4px 4px rgb(154, 42,  
12) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 62.354, 43.612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 42, 12) }
```

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

```
.background{ background-color: rgb(154, 42,  
12) }
```

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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