

Converting Colors

CIELCh(35, 62.615, 42.798)

Have a look what the booklet for
CIELCh(35, 62.615, 42.798) contains.

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Color

CIELCh(35, 62.925, 42.677)

Conversions

Conversions Part 1

Format	Color
Hex	9B280D
RGB	155, 40, 13
RGB Percent	61%, 16%, 5%
CMY	0.3926, 0.8435, 0.9493
CMYK	0.00, 0.74, 0.92, 0.39
HSL	11°, 85%, 33%
HSV	11°, 92%, 61%
XYZ	14.3255, 8.4984, 1.2632
YIQ	71.3070, 77.2070, 15.9830

Conversions

Conversions Part 2

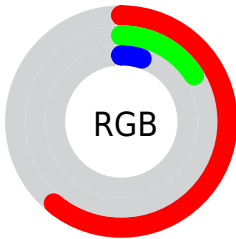
Format	Color
R _Y B	155, 46, 13
Decimal	10168333
CIE Lab	35.00, 46.26, 42.65
CIE LCh	35, 62.925, 42.677
Yxy	8.4984, 0.5947, 0.3528
Android (android.graphics.Color)	4288358413 (0xFF9B280D)
YUV	71.3070, -28.7454, 73.3988
Hunter-Lab	29.1520, 36.7003, 17.8372

Details

The CIELCh color **35, 62.925, 42.677** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **49, 29.501, 230.110**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 62.930, 42.713**, and **18, 47.465, 34.974** is the 20% darker color. If you saturate the color by 10%, you get **34, 68.233, 43.421**, and if you desaturate by 10%, it is **37, 55.662, 41.805**.

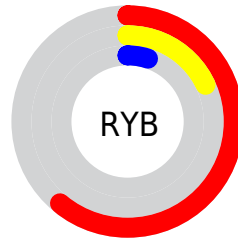
Distribution



Red (61%)

Green (16%)

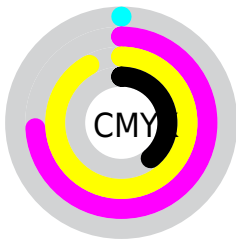
Blue (5%)



Red (61%)

Yellow (18%)

Blue (5%)

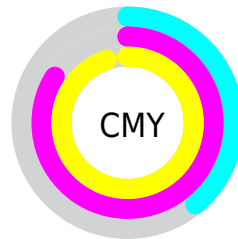


Cyan (0%)

Magenta (74%)

Yellow (92%)

Black (39%)



Cyan (39%)

Magenta (84%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 35, 62.925, 42.677 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, 62.925, 42.677 by changing the saturation by 10% instead.

■ 35, 62.925, 42.677 ■ 35, 62.925, 42.677

■ 100, 62.925, 42.677 ■ 25, 62.925, 42.677

■ 55, 62.925, 42.677 ■ 15, 62.925, 42.677

■ 65, 62.925, 42.677 ■ 5, 62.925, 42.677

■ 75, 62.925, 42.677 ■ 0, 62.925, 42.677

■ 85, 62.925, 42.677

■ 95, 62.925, 42.677

■ 35, 62.925, 42.677 ■ 35, 62.925, 42.677

■ 34, 68.233, 43.421 ■ 37, 55.662, 41.805

■ 39, 47.723, 40.723

■ 42, 39.777, 39.767

■ 45, 32.127, 39.039

■ 49, 24.908, 38.545

■ 52, 18.175, 38.256

■ 56, 11.935, 38.130

■ 60, 6.170, 38.117

■ 63, 0.843, 37.780

Harmonies

Complementary

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



35, 62.925, 42.677



49, 29.501, 230.110

Rectangle

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



35, 62.925, 42.677



35, 62.925, 92.677



35, 62.925, 222.677



35, 62.925, 272.677

Sweetspot

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



35, 62.923, 42.679



69, 18.877, 38.186



36, 68.107, 336.263



35, 12.988, 38.237



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



35, 62.923, 42.679



44, 83.588, 43.069



50, 54.622, 79.344



30, 2.931, 38.119



30, 62.932, 43.314



1, 3.070, 37.970

Inverse Universe

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



49, 29.501, 230.110



62, 36.649, 233.657



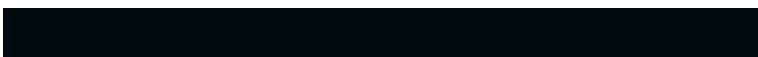
28, 62.046, 294.274



31, 2.771, 218.649



44, 28.002, 232.501



2, 3.041, 219.922

Previews

White Background



This preview shows how the CIELCh color 35, 62.925, 42.677 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, 62.925, 42.677 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, 62.925, 42.677

Background



This preview shows how black text looks on a background with the CIELCh color 35, 62.925, 42.677.



This preview shows how white text looks on a background with the CIELCh color 35, 62.925, 42.677.

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, 62.925, 42.677

Protanopia

36, 35.117, 95.893

Deuteranopia

35, 44.069, 84.139



Tritanopia
35, 55.877, 31.221

Trichromacy



Original Color
35, 62.925, 42.677

Protanomaly
34, 39.590, 65.100

Deuteranomaly
34, 47.636, 62.889

Tritanomaly
35, 58.227, 36.061

Monochromacy



Original Color
35, 62.925, 42.677

Achromatopsia
30, 0.005, 296.813

Achromatomaly
30, 22.235, 39.067

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 62.925, 42.677 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, 40, 13)` looks like.

```
.text, #text, p{  
    color:rgb(155, 40, 13)  
}
```

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, 40, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 40, 13) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 62.925, 42.677 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, 40, 13) }
```

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

```
.border{ border-color:rgb(155, 40, 13) }
```

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

Here you see how a box with a 4 pixel rgb(155, 40, 13) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 40, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 40, 13);  
box-shadow:4px 4px 4px 4px rgb(155, 40,  
13) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 62.925, 42.677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 40, 13) }
```

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

```
.background{ background-color: rgb(155, 40,  
13) }
```

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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