

Converting Colors

CIELCh(42, 55.408, 61.137)

Have a look what the booklet for
CIELCh(42, 55.408, 61.137) contains.

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Color

CIELCh(42, 55.689, 60.763)

Conversions

Conversions Part 1

Format	Color
Hex	9A4F0A
RGB	154, 79, 10
RGB Percent	60%, 31%, 4%
CMY	0.3958, 0.6899, 0.9604
CMYK	0.00, 0.49, 0.93, 0.40
HSL	29°, 88%, 32%
HSV	29°, 93%, 60%
XYZ	16.1960, 12.5000, 1.8488
YIQ	93.5590, 66.8490, -5.5590

Conversions

Conversions Part 2

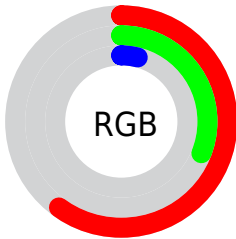
Format	Color
RYB	154, 142, 10
Decimal	10112778
CIELab	42.00, 27.20, 48.59
CIELCh	42, 55.689, 60.763
Yxy	12.5000, 0.5302, 0.4092
Android (android.graphics.Color)	4288302858 (0xFF9A4F0A)
YUV	93.5590, -41.1946, 53.0068
Hunter-Lab	35.3553, 19.8975, 21.6483

Details

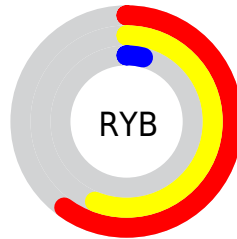
The CIELCh color **42, 55.689, 60.763** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **36, 43.877, 278.390**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **62, 55.645, 60.587**, and **22, 42.489, 49.412** is the 20% darker color. If you saturate the color by 10%, you get **41, 58.857, 59.475**, and if you desaturate by 10%, it is **44, 50.469, 62.760**.

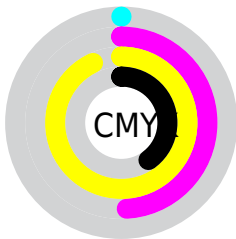
Distribution



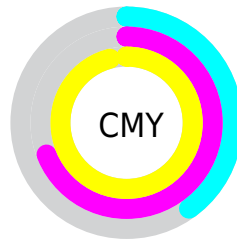
- Red (60%)
- Green (31%)
- Blue (4%)



- Red (60%)
- Yellow (56%)
- Blue (4%)



- Cyan (0%)
- Magenta (49%)
- Yellow (93%)
- Black (40%)



- Cyan (40%)
- Magenta (69%)
- Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 42, 55.689, 60.763 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 42, 55.689, 60.763 by changing the saturation by 10% instead.

■ 42, 55.689, 60.763

■ 42, 55.689, 60.763

■ 100, 55.689,
60.763

■ 32, 55.689, 60.763

■ 62, 55.689, 60.763

■ 22, 55.689, 60.763

■ 72, 55.689, 60.763

■ 12, 55.689, 60.763

■ 82, 55.689, 60.763

■ 2, 55.689, 60.763

■ 92, 55.689, 60.763

■ 0, 55.689, 60.763

■ 42, 55.689, 60.763

■ 42, 55.689, 60.763

■ 41, 58.857, 59.475

■ 44, 50.469, 62.760

■ 46, 44.233, 64.274

■ 48, 37.635, 65.572

■ 50, 31.046, 66.788

■ 53, 24.643, 67.979

■ 55, 18.504, 69.164

■ 58, 12.651, 70.344

■ 60, 7.078, 71.506

■ 63, 1.769, 72.539

Harmonies

Complementary

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



42, 55.689, 60.763



36, 43.877, 278.390

Rectangle

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



42, 55.689, 60.763



42, 55.689, 110.763



42, 55.689, 240.763



42, 55.689, 290.763

Sweetspot

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



42, 55.687, 60.766



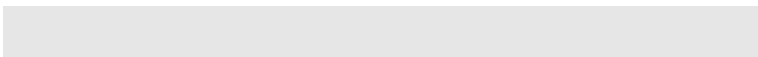
72, 19.036, 69.741



34, 57.851, 356.117



37, 13.382, 69.263



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



42, 55.687, 60.766



53, 72.120, 58.657



60, 63.543, 100.999



31, 2.926, 71.981



37, 54.853, 59.813



2, 3.091, 72.210

Inverse Universe

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



36, 43.877, 278.390



45, 58.300, 282.229



19, 86.756, 305.063



31, 2.858, 254.325



31, 43.435, 280.804



2, 3.126, 254.091

Previews

White Background



This preview shows how the CIELCh color 42, 55.689, 60.763 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 × Fail

Black Background



This preview shows how the CIELCh color 42, 55.689, 60.763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

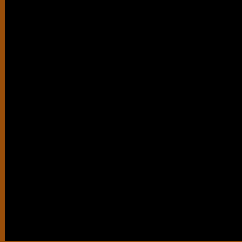
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 42, 55.689, 60.763

Background



This preview shows how black text looks on a background with the CIELCh color 42, 55.689, 60.763.



This preview shows how white text looks on a background with the CIELCh color 42, 55.689, 60.763.

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

42, 55.689, 60.763

Protanopia

42, 44.694, 95.794

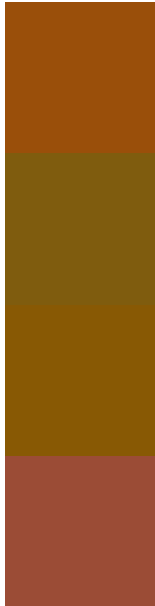
Deuteranopia

42, 49.917, 84.486



Tritanopia
42, 37.101, 21.034

Trichromacy



Original Color
42, 55.689, 60.763

Protanomaly
42, 46.123, 80.804

Deuteranomaly
42, 50.680, 74.888

Tritanomaly
42, 41.905, 42.150

Monochromacy



Original Color
42, 55.689, 60.763

Achromatopsia
40, 0.006, 296.813

Achromatomaly
40, 20.661, 69.033

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 55.689, 60.763 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, 79, 10)` looks like.

```
.text, #text, p{  
    color:rgb(154, 79, 10)  
}
```

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, 79, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 79, 10) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 55.689, 60.763 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, 79, 10) }
```

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

```
.border{ border-color:rgb(154, 79, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 79, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 79, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 79, 10);  
box-shadow:4px 4px 4px 4px rgb(154, 79,  
10) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 55.689, 60.763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 79, 10) }
```

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

```
.background{ background-color: rgb(154, 79,  
10) }
```

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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