

Converting Colors

CIELCh(60, 54.070, 95.045)

Have a look what the booklet for
CIELCh(60, 54.070, 95.045) contains.

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Color

CIELCh(60, 54.089, 95.091)

Conversions

Conversions Part 1

Format	Color
Hex	A3912A
RGB	163, 145, 42
RGB Percent	64%, 57%, 16%
CMY	0.3616, 0.4321, 0.8361
CMYK	0.00, 0.11, 0.74, 0.36
HSL	51°, 59%, 40%
HSV	51°, 74%, 64%
XYZ	25.5726, 28.1233, 6.2521
YIQ	138.6400, 43.7910, -28.2170

Conversions

Conversions Part 2

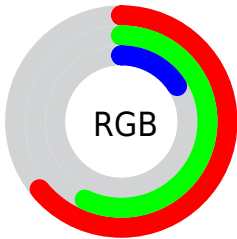
Format	Color
RYB	63, 163, 42
Decimal	10719530
CIELab	60.00, -4.80, 53.88
CIElCh	60, 54.089, 95.091
Yxy	28.1233, 0.4266, 0.4691
Android (android.graphics.Color)	4288909610 (0xFFA3912A)
YUV	138.6400, -47.6435, 21.3637
Hunter-Lab	53.0314, -6.7296, 30.1320

Details

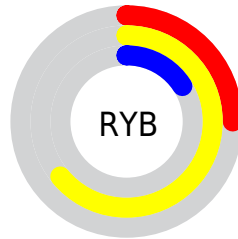
The CIELCh color **60, 54.089, 95.091** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **30, 64.906, 297.325**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **80, 54.176, 95.224**, and **40, 47.544, 94.883** is the 20% darker color. If you saturate the color by 10%, you get **59, 58.736, 94.013**, and if you desaturate by 10%, it is **61, 48.126, 96.190**.

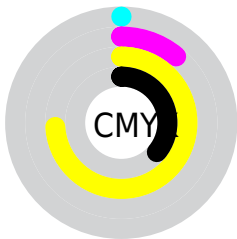
Distribution



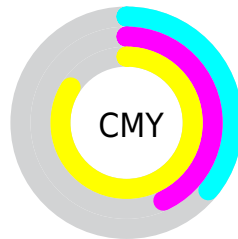
- Red (64%)
- Green (57%)
- Blue (16%)



- Red (25%)
- Yellow (64%)
- Blue (16%)



- Cyan (0%)
- Magenta (11%)
- Yellow (74%)
- Black (36%)



- Cyan (36%)
- Magenta (43%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 54.089, 95.091 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 60, 54.089, 95.091 by changing the saturation by 10% instead.

60, 54.089, 95.091

60, 54.089, 95.091

100, 54.089,
95.091

50, 54.089, 95.091

80, 54.089, 95.091

40, 54.089, 95.091

90, 54.089, 95.091

30, 54.089, 95.091

20, 54.089, 95.091

10, 54.089, 95.091

0, 54.089, 95.091

60, 54.089, 95.091

60, 54.089, 95.091

59, 58.736, 94.013

61, 48.126, 96.190

59, 61.583, 92.926

62, 41.321, 97.305

■ 58, 62.742, 92.311

■ 63, 34.023, 98.433

■ 63, 26.460, 99.562

■ 64, 18.772,
100.682

■ 65, 11.042,
101.782

■ 66, 3.319, 102.836

■ 68, 4.367, 283.940

■ 69, 12.002,
284.930

Harmonies

Complementary

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



60, 54.089, 95.091



30, 64.906, 297.325

Rectangle

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



60, 54.089, 95.091



60, 54.089, 145.091



60, 54.089, 275.091



60, 54.089, 325.091

Sweetspot

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



60, 54.089, 95.094



82, 21.023, 100.895



37, 53.570, 20.917



43, 14.239, 100.610



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



60, 54.089, 95.094



75, 73.870, 93.327



62, 63.420, 120.565



34, 4.364, 102.325



52, 57.785, 92.423



4, 6.518, 101.100

Inverse Universe

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



30, 64.906, 297.325



33, 97.315, 301.683



30, 74.598, 308.748



32, 4.428, 284.382



18, 79.781, 303.501



1, 6.907, 284.066

Previews

White Background



This preview shows how the CIELCh color 60, 54.089, 95.091 looks on a white 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

Black Background



This preview shows how the CIE LCh color 60, 54.089, 95.091 looks on a black 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

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

CIELCh 60, 54.089, 95.091

Background



This preview shows how black text looks on a background with the CIELCh color 60, 54.089, 95.091.



This preview shows how white text looks on a background with the CIELCh color 60, 54.089, 95.091.

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


60, 54.089, 95.091

Protanopia

60, 54.008, 95.579

Deuteranopia

60, 53.636, 81.605



Tritanopia
60, 15.530, 357.684

Trichromacy



Original Color
60, 54.089, 95.091

Protanomaly
60, 54.008, 95.579

Deuteranomaly
60, 53.322, 86.786

Tritanomaly
60, 21.677, 72.746

Monochromacy



Original Color
60, 54.089, 95.091

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 21.034, 99.480

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 54.089, 95.091 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(163, 145, 42)` looks like.

```
.text, #text, p{  
    color:rgb(163, 145, 42)  
}
```

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(163, 145, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 145, 42) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 54.089, 95.091 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(163, 145, 42) }
```

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

```
.border{ border-color:rgb(163, 145, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 145, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 145, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 145, 42);  
box-shadow:4px 4px 4px 4px rgb(163, 145,  
42) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 54.089, 95.091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 145, 42) }
```

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

```
.background{ background-color: rgb(163,  
145, 42) }
```

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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