

Converting Colors

CIELCh(63, 58.944, 105.883)

Have a look what the booklet for
CIELCh(63, 58.944, 105.883)
contains.

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Color

CIELCh(63, 58.833, 105.543)

Conversions

Conversions Part 1

Format	Color
Hex	9A9E29
RGB	154, 158, 41
RGB Percent	60%, 62%, 16%
CMY	0.3951, 0.3795, 0.8382
CMYK	0.03, 0.00, 0.74, 0.38
HSL	62°, 59%, 39%
HSV	62°, 74%, 62%
XYZ	26.0426, 31.5869, 6.8452
YIQ	143.4660, 35.1730, -37.2350

Conversions

Conversions Part 2

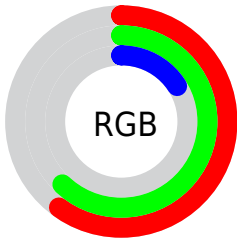
Format	Color
RYB	41, 158, 45
Decimal	10133033
CIELab	63.00, -15.76, 56.68
CIELCh	63, 58.833, 105.543
Yxy	31.5869, 0.4039, 0.4899
Android (android.graphics.Color)	4288323113 (0xFF9A9E29)
YUV	143.4660, -50.5157, 9.2383
Hunter-Lab	56.2022, -15.6417, 32.1203

Details

The CIELCh color **63, 58.833, 105.543** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **26, 74.181, 302.805**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 58.782, 105.420**, and **43, 51.341, 107.224** is the 20% darker color. If you saturate the color by 10%, you get **63, 63.578, 105.153**, and if you desaturate by 10%, it is **63, 52.675, 106.120**.

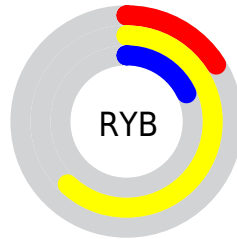
Distribution



Red (60%)

Green (62%)

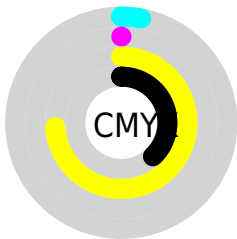
Blue (16%)



Red (16%)

Yellow (62%)

Blue (18%)

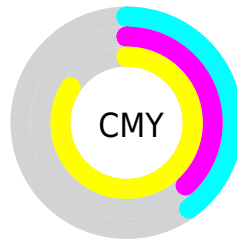


Cyan (3%)

Magenta (0%)

Yellow (74%)

Black (38%)



Cyan (40%)


Magenta (38%)


Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 58.833, 105.543 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 63, 58.833, 105.543 by changing the saturation by 10% instead.


 63, 58.833,
105.543


 63, 58.833,
105.543


 100, 58.833,
105.543


 53, 58.833,
105.543


 83, 58.833,
105.543

 43, 58.833,
105.543

 93, 58.833,
105.543

 33, 58.833,
105.543

 23, 58.833,
105.543

 13, 58.833,
105.543

 3, 58.833, 105.543

 0, 58.833, 105.543

■ 63, 58.833,
105.543

■ 63, 58.833,
105.543

■ 63, 63.578,
105.153

■ 63, 52.675,
106.120

■ 63, 66.582,
104.981

■ 63, 45.504,
106.830

■ 63, 67.904,
104.938

■ 64, 37.661,
107.633

■ 64, 29.392,
108.492

■ 64, 20.865,
109.382

■ 65, 12.190,
110.279

■ 65, 3.439, 111.163

■ 65, 5.343, 292.058

■ 66, 14.122,
292.902

Harmonies

Complementary

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



63, 58.833, 105.543



26, 74.181, 302.805

Rectangle

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



63, 58.833, 105.543



63, 58.833, 155.543



63, 58.833, 285.543



63, 58.833, 335.543

Sweetspot

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



63, 58.833, 105.545



82, 23.853, 109.516



37, 54.936, 32.640



43, 16.134, 109.289



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



63, 58.833, 105.545



80, 80.217, 105.011



59, 64.994, 127.451



33, 4.950, 110.697



57, 62.991, 104.920



4, 6.509, 111.838

Inverse Universe

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



26, 74.181, 302.805



28, 107.855, 305.468



32, 71.705, 313.405



31, 5.057, 292.401



16, 86.702, 306.424



0, 6.509, 291.452

Previews

White Background



This preview shows how the CIELCh color 63, 58.833, 105.543 looks on a white 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

Black Background



This preview shows how the CIE LCh color 63, 58.833, 105.543 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 ✓ Pass

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

CIELCh 63, 58.833, 105.543

Background



This preview shows how black text looks on a background with the CIELCh color 63, 58.833, 105.543.



This preview shows how white text looks on a background with the CIELCh color 63, 58.833, 105.543.

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


63, 58.833, 105.543

Protanopia

63, 57.925, 95.559

Deuteranopia

63, 56.261, 81.862



Tritanopia
63, 8.996, 337.204

Trichromacy



Original Color
63, 58.833, 105.543

Protanomaly
63, 58.214, 99.253

Deuteranomaly
63, 55.960, 90.655

Tritanomaly
63, 20.336, 97.210

Monochromacy



Original Color
63, 58.833, 105.543

Achromatopsia
60, 0.008, 296.813

Achromatomaly
61, 23.344, 108.564

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 58.833, 105.543 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, 158, 41)` looks like.

```
.text, #text, p{  
    color:rgb(154, 158, 41)  
}
```

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, 158, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 158, 41) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 58.833, 105.543 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, 158, 41) }
```

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

```
.border{ border-color:rgb(154, 158, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 158, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 158, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 158, 41);  
box-shadow:4px 4px 4px 4px rgb(154, 158,  
41) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 58.833, 105.543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 158, 41) }
```

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

```
.background{ background-color: rgb(154,  
158, 41) }
```

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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