

Converting Colors

CIELCh(64, 58.873, 105.353)

Have a look what the booklet for
CIELCh(64, 58.873, 105.353)
contains.

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Color

CIELCh(64, 58.934, 105.606)

Conversions

Conversions Part 1

Format	Color
Hex	9DA12C
RGB	157, 161, 44
RGB Percent	62%, 63%, 17%
CMY	0.3847, 0.3689, 0.8278
CMYK	0.02, 0.00, 0.73, 0.37
HSL	62°, 57%, 40%
HSV	62°, 73%, 63%
XYZ	27.0713, 32.8017, 7.2787
YIQ	146.4660, 35.1730, -37.2350

Conversions

Conversions Part 2

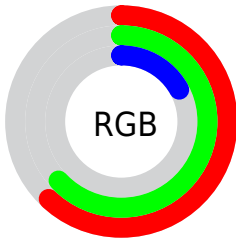
Format	Color
RYB	44, 161, 48
Decimal	10330412
CIELab	64.00, -15.85, 56.76
CIElCh	64, 58.934, 105.606
Yxy	32.8017, 0.4031, 0.4885
Android (android.graphics.Color)	4288520492 (0xFF9DA12C)
YUV	146.4660, -50.5157, 9.2383
Hunter-Lab	57.2727, -15.8550, 32.5559

Details

The CIELCh color **64, 58.934, 105.606** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **27, 73.950, 302.592**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 59.144, 105.863**, and **44, 52.348, 107.120** is the 20% darker color. If you saturate the color by 10%, you get **64, 63.924, 105.194**, and if you desaturate by 10%, it is **64, 52.556, 106.201**.

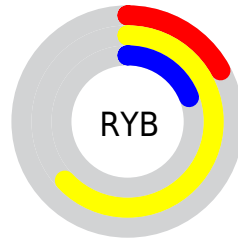
Distribution



Red (62%)

Green (63%)

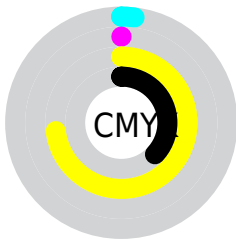
Blue (17%)



Red (17%)

Yellow (63%)

Blue (19%)

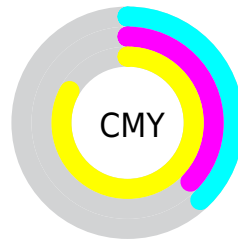


Cyan (2%)

Magenta (0%)

Yellow (73%)

Black (37%)



Cyan (38%)

Magenta (37%)

Yellow (83%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 58.934, 105.606 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 64, 58.934, 105.606 by changing the saturation by 10% instead.

 64, 58.934,
105.606

 64, 58.934,
105.606

 100, 58.934,
105.606

 54, 58.934,
105.606

 84, 58.934,
105.606

 44, 58.934,
105.606

 94, 58.934,
105.606

 34, 58.934,
105.606

 24, 58.934,
105.606

 14, 58.934,
105.606

 4, 58.934, 105.606

 0, 58.934, 105.606

■ 64, 58.934,
105.606

■ 64, 58.934,
105.606

■ 64, 63.924,
105.194

■ 64, 52.556,
106.201

■ 64, 67.171,
104.997

■ 64, 45.192,
106.925

■ 64, 68.751,
104.949

■ 65, 37.179,
107.736

■ 65, 28.758,
108.602

■ 65, 20.091,
109.494

■ 66, 11.283,
110.392

■ 66, 2.404, 111.270

■ 67, 6.500, 292.168

■ 67, 15.399,
293.010

Harmonies

Complementary

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



64, 58.934, 105.606



27, 73.950, 302.592

Rectangle

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



64, 58.934, 105.606



64, 58.934, 155.606



64, 58.934, 285.606



64, 58.934, 335.606

Sweetspot

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



64, 58.934, 105.608



83, 24.091, 109.520



38, 54.703, 32.316



43, 16.134, 109.295



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



64, 58.934, 105.608



81, 80.267, 105.049



60, 65.054, 127.445



34, 5.082, 110.699



58, 63.809, 104.931



5, 7.952, 111.965

Inverse Universe

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



27, 73.950, 302.592



29, 107.267, 305.237



33, 71.676, 313.387



32, 5.192, 292.410



16, 87.831, 306.422



0, 7.951, 291.399

Previews

White Background



This preview shows how the CIELCh color 64, 58.934, 105.606 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 64, 58.934, 105.606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

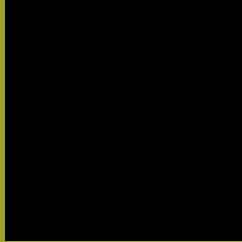
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 58.934, 105.606

Background



This preview shows how black text looks on a background with the CIELCh color 64, 58.934, 105.606.



This preview shows how white text looks on a background with the CIELCh color 64, 58.934, 105.606.

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


64, 58.934, 105.606

Protanopia

64, 58.066, 95.194

Deuteranopia

64, 56.055, 81.454



Tritanopia
64, 9.359, 334.698

Trichromacy



Original Color
64, 58.934, 105.606

Protanomaly
64, 57.972, 98.883

Deuteranomaly
64, 55.719, 90.254

Tritanomaly
64, 19.749, 97.033

Monochromacy



Original Color
64, 58.934, 105.606

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 23.292, 108.594

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 58.934, 105.606 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(157, 161, 44)` looks like.

```
.text, #text, p{  
    color:rgb(157, 161, 44)  
}
```

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(157, 161, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 161, 44) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 58.934, 105.606 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(157, 161, 44) }
```

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

```
.border{ border-color:rgb(157, 161, 44) }
```

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

Here you see how a box with a 4 pixel rgb(157, 161, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 161, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 161, 44);  
box-shadow:4px 4px 4px 4px rgb(157, 161,  
44) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 58.934, 105.606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 161, 44) }
```

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

```
.background{ background-color: rgb(157,  
161, 44) }
```

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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