

Converting Colors

CIELCh(59, 45.588, 105.988)

Have a look what the booklet for
CIELCh(59, 45.588, 105.988)
contains.

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Color

CIELCh(59, 45.144, 105.520)

Conversions

Conversions Part 1

Format	Color
Hex	91923E
RGB	145, 146, 62
RGB Percent	57%, 57%, 24%
CMY	0.4304, 0.4265, 0.7559
CMYK	0.01, 0.00, 0.57, 0.43
HSL	61°, 40%, 41%
HSV	61°, 57%, 57%
XYZ	22.9157, 27.0277, 8.6004
YIQ	136.1250, 26.3680, -26.3360

Conversions

Conversions Part 2

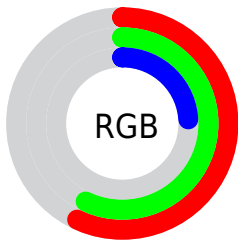
Format	Color
RYB	62, 146, 63
Decimal	9540158
CIELab	59.00, -12.08, 43.50
CIELCh	59, 45.144, 105.520
Yxy	27.0277, 0.3914, 0.4617
Android (android.graphics.Color)	4287730238 (0xFF91923E)
YUV	136.1250, -36.5436, 7.7834
Hunter-Lab	51.9882, -12.2991, 26.5834

Details

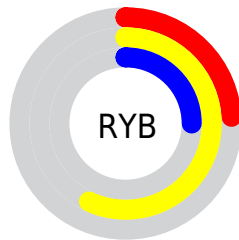
The CIELCh color **59, 45.144, 105.520** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **31, 53.077, 298.976**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 45.103, 105.502**, and **39, 45.269, 105.696** is the 20% darker color. If you saturate the color by 10%, you get **59, 51.608, 104.811**, and if you desaturate by 10%, it is **59, 37.963, 106.331**.

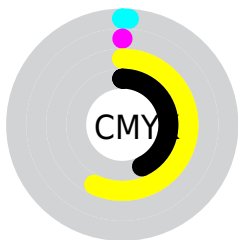
Distribution



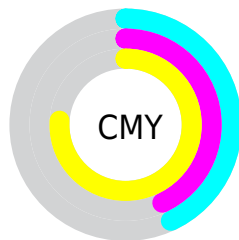
- Red (57%)
- Green (57%)
- Blue (24%)



- Red (24%)
- Yellow (57%)
- Blue (25%)



- Cyan (1%)
- Magenta (0%)
- Yellow (57%)
- Black (43%)





- Cyan (43%)
- Magenta (43%)
- Yellow (76%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 45.144, 105.520 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 59, 45.144, 105.520 by changing the saturation by 10% instead.


 59, 45.144,
105.520


 59, 45.144,
105.520


 100, 45.144,
105.520


 49, 45.144,
105.520


 79, 45.144,
105.520

 39, 45.144,
105.520

 89, 45.144,
105.520

 29, 45.144,
105.520

 99, 45.144,
105.520

 19, 45.144,
105.520

 9, 45.144, 105.520

 0, 45.144, 105.520

■ 59, 45.144,
105.520

■ 59, 45.144,
105.520

■ 59, 51.608,
104.811

■ 59, 37.963,
106.331

■ 59, 57.013,
104.238

■ 59, 30.319,
107.204

■ 59, 60.992,
103.840

■ 60, 22.392,
108.113

■ 59, 63.468,
103.622

■ 60, 14.298,
109.037

■ 59, 64.047,
103.572

■ 60, 6.114, 109.956

■ 61, 2.111, 290.897

■ 61, 10.344,
291.767

■ 62, 18.560,
292.623

■ 62, 26.745,
293.445

Harmonies

Complementary

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



59, 45.144, 105.520



31, 53.077, 298.976

Rectangle

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



59, 45.144, 105.520



59, 45.144, 155.520



59, 45.144, 285.520



59, 45.144, 335.520

Sweetspot

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



59, 45.145, 105.522



77, 17.342, 109.045



38, 39.647, 26.460



41, 11.684, 108.879



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



59, 45.145, 105.522



75, 65.043, 104.623



56, 48.945, 126.550



31, 4.681, 109.795



55, 61.298, 103.568



3, 4.113, 110.642

Inverse Universe

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



31, 53.077, 298.976



34, 80.750, 301.692



35, 53.223, 311.900



28, 4.781, 291.549



15, 84.560, 306.337



0, 4.114, 290.643

Previews

White Background



This preview shows how the CIELCh color 59, 45.144, 105.520 looks on a white background.

Color Contrast Check

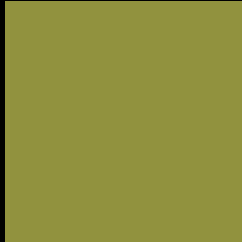
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 59, 45.144, 105.520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

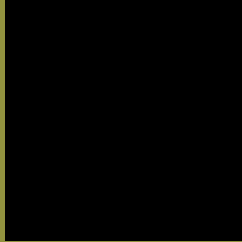
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 45.144, 105.520

Background



This preview shows how black text looks on a background with the CIELCh color 59, 45.144, 105.520.



This preview shows how white text looks on a background with the CIELCh color 59, 45.144, 105.520.

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

59, 45.144, 105.520

Protanopia

59, 44.526, 95.495

Deuteranopia

59, 43.351, 80.136



Tritanopia
59, 9.115, 337.256

Trichromacy



Original Color
59, 45.144, 105.520

Protanomaly
59, 44.942, 99.693

Deuteranomaly
59, 42.797, 89.639

Tritanomaly
59, 13.784, 89.118

Monochromacy



Original Color
59, 45.144, 105.520

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 17.487, 109.483

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 45.144, 105.520 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(145, 146, 62)` looks like.

```
.text, #text, p{  
    color:rgb(145, 146, 62)  
}
```

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(145, 146, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 146, 62) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 45.144, 105.520 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(145, 146, 62) }
```

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

```
.border{ border-color:rgb(145, 146, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 146, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 146, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 146, 62);  
box-shadow:4px 4px 4px 4px rgb(145, 146,  
62) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 45.144, 105.520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 146, 62) }
```

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

```
.background{ background-color: rgb(145,  
146, 62) }
```

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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