

Converting Colors

CIELCh(60, 59.785, 109.759)

Have a look what the booklet for
CIELCh(60, 59.785, 109.759)
contains.

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Color

CIELCh(60, 59.554, 109.692)

Conversions

Conversions Part 1

Format	Color
Hex	8A9821
RGB	138, 152, 33
RGB Percent	54%, 60%, 13%
CMY	0.4573, 0.4025, 0.8689
CMYK	0.09, 0.00, 0.78, 0.40
HSL	67°, 64%, 36%
HSV	67°, 78%, 60%
XYZ	22.1128, 28.1233, 5.7335
YIQ	134.2480, 29.8550, -39.9770

Conversions

Conversions Part 2

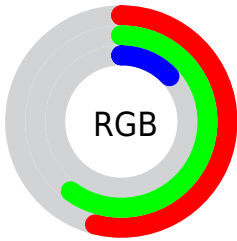
Format	Color
R_{YB}	33, 152, 47
Decimal	9082913
CIE _{Lab}	60.00, -20.07, 56.07
CIE _{LCh}	60, 59.554, 109.692
Yxy	28.1233, 0.3951, 0.5025
Android (android.graphics.Color)	4287272993 (0xFF8A9821)
YUV	134.2480, -49.9153, 3.2905
Hunter-Lab	53.0314, -18.3751, 30.7119

Details

The CIELCh color **60, 59.554, 109.692** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **24, 75.428, 304.630**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **80, 59.560, 109.733**, and **40, 49.950, 112.410** is the 20% darker color. If you saturate the color by 10%, you get **60, 63.617, 109.641**, and if you desaturate by 10%, it is **60, 54.000, 110.008**.

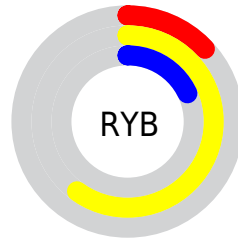
Distribution



Red (54%)

Green (60%)

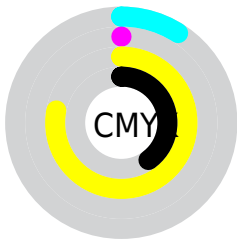
Blue (13%)



Red (13%)

Yellow (60%)

Blue (18%)

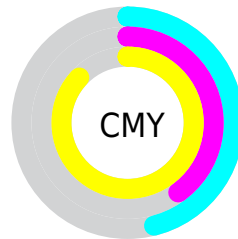


Cyan (9%)

Magenta (0%)

Yellow (78%)

Black (40%)



Cyan (46%)


Magenta (40%)


Yellow (87%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 59.554, 109.692 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, 59.554, 109.692 by changing the saturation by 10% instead.


 60, 59.554,
109.692


 60, 59.554,
109.692


 100, 59.554,
109.692


 50, 59.554,
109.692


 80, 59.554,
109.692

 40, 59.554,
109.692

 90, 59.554,
109.692

 30, 59.554,
109.692

 20, 59.554,
109.692

 10, 59.554,
109.692

 0, 59.554, 109.692

 60, 59.554,

 60, 59.554,

109.692

109.692

■ 60, 63.617,
109.641

■ 60, 54.000,
110.008

■ 60, 66.151,
109.858

■ 61, 47.332,
110.515

■ 60, 66.607,
109.903

■ 61, 39.906,
111.152

■ 61, 31.989,
111.869

■ 62, 23.769,
112.629

■ 62, 15.369,
113.406

■ 63, 6.872, 114.180

■ 63, 1.669, 294.951

■ 64, 10.215,
295.679

Harmonies

Complementary

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



60, 59.554, 109.692



24, 75.428, 304.630

Rectangle

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



60, 59.554, 109.692



60, 59.554, 159.692



60, 59.554, 289.692



60, 59.554, 339.692

Sweetspot

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



60, 59.554, 109.694



79, 24.271, 112.985



36, 54.174, 37.425



41, 16.726, 112.726



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



60, 59.554, 109.694



76, 79.894, 109.816



56, 67.226, 130.062



32, 4.836, 114.090



55, 62.689, 109.854



3, 5.255, 115.246

Inverse Universe

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



24, 75.428, 304.630



26, 107.228, 306.382



31, 72.248, 315.773



30, 4.938, 295.544



16, 85.052, 306.808



0, 5.252, 294.718

Previews

White Background



This preview shows how the CIELCh color 60, 59.554, 109.692 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, 59.554, 109.692 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, 59.554, 109.692

Background



This preview shows how black text looks on a background with the CIELCh color 60, 59.554, 109.692.



This preview shows how white text looks on a background with the CIELCh color 60, 59.554, 109.692.

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, 59.554, 109.692

Protanopia
60, 57.807, 95.665

Deuteranopia
60, 55.154, 82.020



Tritanopia
60, 6.804, 313.955

Trichromacy



Original Color
60, 59.554, 109.692

Protanomaly
60, 58.041, 101.279

Deuteranomaly
60, 55.254, 92.629

Tritanomaly
60, 20.126, 109.058

Monochromacy



Original Color
60, 59.554, 109.692

Achromatopsia
56, 0.007, 296.813

Achromatomaly
57, 24.211, 112.400

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 59.554, 109.692 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(138, 152, 33)` looks like.

```
.text, #text, p{  
    color:rgb(138, 152, 33)  
}
```

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(138, 152, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 152, 33) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 59.554, 109.692 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(138, 152, 33) }
```

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

```
.border{ border-color:rgb(138, 152, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 152, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 152, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 152, 33);  
box-shadow:4px 4px 4px 4px rgb(138, 152,  
33) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 59.554, 109.692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 152, 33) }
```

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

```
.background{ background-color: rgb(138,  
152, 33) }
```

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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