

Converting Colors

CIELCh(60, 52.679, 114.039)

Have a look what the booklet for
CIELCh(60, 52.679, 114.039)
contains.

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Color

CIELCh(60, 52.591, 114.143)

Conversions

Conversions Part 1

Format	Color
Hex	859936
RGB	133, 153, 54
RGB Percent	52%, 60%, 21%
CMY	0.4776, 0.3992, 0.7874
CMYK	0.13, 0.00, 0.65, 0.40
HSL	72°, 48%, 41%
HSV	72°, 65%, 60%
XYZ	21.8029, 28.1233, 7.7945
YIQ	135.7340, 19.8590, -35.0290

Conversions

Conversions Part 2

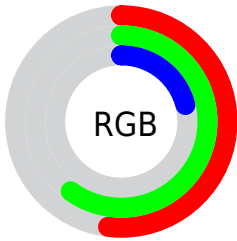
Format	Color
RYB	54, 153, 74
Decimal	8755510
CIELab	60.00, -21.51, 47.99
CIELCh	60, 52.591, 114.143
Yxy	28.1233, 0.3777, 0.4872
Android (android.graphics.Color)	4286945590 (0xFF859936)
YUV	135.7340, -40.2949, -2.3977
Hunter-Lab	53.0314, -19.4179, 28.4076

Details

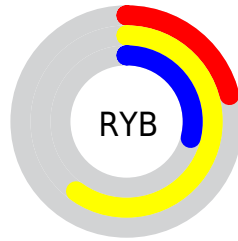
The CIELCh color **60, 52.591, 114.143** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **30, 62.302, 304.448**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **80, 52.248, 114.214**, and **40, 50.797, 114.925** is the 20% darker color. If you saturate the color by 10%, you get **60, 58.723, 113.911**, and if you desaturate by 10%, it is **60, 45.488, 114.577**.

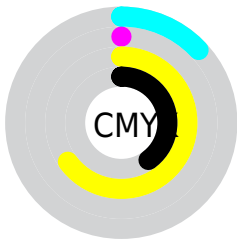
Distribution



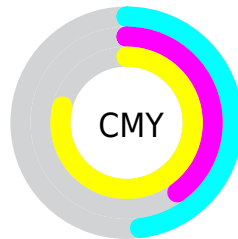
- Red (52%)
- Green (60%)
- Blue (21%)



- Red (21%)
- Yellow (60%)
- Blue (29%)



- Cyan (13%)
- Magenta (0%)
- Yellow (65%)
- Black (40%)





- Cyan (48%)
- Magenta (40%)
- Yellow (79%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 52.591, 114.143 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, 52.591, 114.143 by changing the saturation by 10% instead.


 60, 52.591,
114.143


 60, 52.591,
114.143


 100, 52.591,
114.143


 50, 52.591,
114.143


 80, 52.591,
114.143

 40, 52.591,
114.143

 90, 52.591,
114.143

 30, 52.591,
114.143

 20, 52.591,
114.143

 10, 52.591,
114.143

 0, 52.591, 114.143

 60, 52.591,

 60, 52.591,

114.143

114.143

■ 60, 58.723,
113.911

■ 60, 45.488,
114.577

■ 59, 63.502,
113.962

■ 61, 37.737,
115.136

■ 59, 66.629,
114.373

■ 61, 29.575,
115.766

■ 59, 67.977,
114.656

■ 62, 21.163,
116.431

■ 62, 12.609,
117.105

■ 63, 3.985, 117.772

■ 64, 4.660, 298.412

■ 64, 13.290,
299.031

■ 65, 21.882,
299.617

Harmonies

Complementary

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



60, 52.591, 114.143



30, 62.302, 304.448

Rectangle

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



60, 52.591, 114.143



60, 52.591, 164.143



60, 52.591, 294.143



60, 52.591, 344.143

Sweetspot

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



60, 52.592, 114.145



79, 20.246, 116.785



41, 41.490, 40.755



41, 13.884, 116.608



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, 52.592, 114.145



76, 74.322, 113.895



57, 59.699, 132.566



32, 4.872, 117.467



54, 63.705, 114.572



3, 5.296, 118.584

Inverse Universe

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



30, 62.302, 304.448



33, 92.831, 306.132



36, 62.257, 318.168



30, 4.970, 298.707



16, 84.262, 307.431



0, 5.288, 297.939

Previews

White Background



This preview shows how the CIELCh color 60, 52.591, 114.143 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 60, 52.591, 114.143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

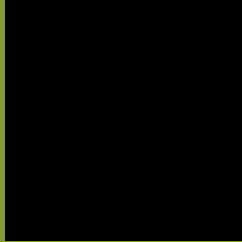
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 52.591, 114.143

Background



This preview shows how black text looks on a background with the CIELCh color 60, 52.591, 114.143.



This preview shows how white text looks on a background with the CIELCh color 60, 52.591, 114.143.

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, 52.591, 114.143

Protanopia
60, 49.879, 95.938

Deuteranopia
60, 47.346, 80.656



Tritanopia
60, 6.805, 294.119

Trichromacy



Original Color
60, 52.591, 114.143

Protanomaly
60, 50.102, 102.873

Deuteranomaly
60, 47.090, 94.030

Tritanomaly
60, 16.509, 118.362

Monochromacy



Original Color
60, 52.591, 114.143

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 20.457, 116.080

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 52.591, 114.143 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(133, 153, 54)` looks like.

```
.text, #text, p{  
    color:rgb(133, 153, 54)  
}
```

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(133, 153, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 153, 54) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 52.591, 114.143 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(133, 153, 54) }
```

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

```
.border{ border-color:rgb(133, 153, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 153, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 153, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 153, 54);  
box-shadow:4px 4px 4px 4px rgb(133, 153,  
54) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 52.591, 114.143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 153, 54) }
```

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

```
.background{ background-color: rgb(133,  
153, 54) }
```

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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