

Converting Colors

CIELCh(60, 52.921, 104.758)

Have a look what the booklet for
CIELCh(60, 52.921, 104.758)
contains.

CIELCh(60, 52.587, 104.686)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(60, 52.587, 104.686)

Conversions

Conversions Part 1

Format	Color
Hex	949530
RGB	148, 149, 48
RGB Percent	58%, 58%, 19%
CMY	0.4184, 0.4146, 0.8106
CMYK	0.01, 0.00, 0.68, 0.41
HSL	61°, 51%, 39%
HSV	61°, 68%, 59%
XYZ	23.5978, 28.1233, 7.0119
YIQ	137.1870, 31.8250, -31.6230

Conversions

Conversions Part 2

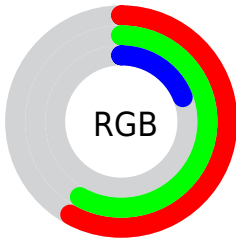
Format	Color
R_{YB}	48, 149, 49
Decimal	9737520
CIE _{Lab}	60.00, -13.33, 50.87
CIE _{LCh}	60, 52.587, 104.686
Yxy	28.1233, 0.4018, 0.4788
Android (android.graphics.Color)	4287927600 (0xFF949530)
YUV	137.1870, -43.9692, 9.4830
Hunter-Lab	53.0314, -13.3764, 29.2826

Details

The CIELCh color $60, 52.587, 104.686$ is a dark color, and the websafe version is hex 999933 . A complement of this color would be $27, 64.542, 301.098$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $80, 52.652, 104.933$, and $40, 48.512, 105.790$ is the 20% darker color. If you saturate the color by 10%, you get $60, 58.040, 104.114$, and if you desaturate by 10%, it is $60, 46.044, 105.401$.

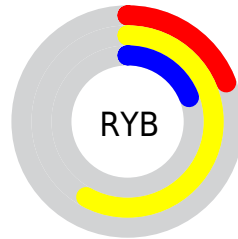
Distribution



Red (58%)

Green (58%)

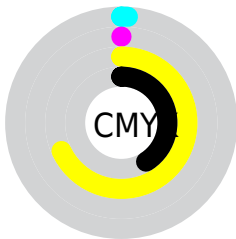
Blue (19%)



Red (19%)

Yellow (58%)

Blue (19%)

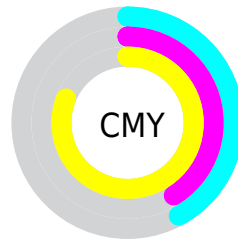


Cyan (1%)

Magenta (0%)

Yellow (68%)

Black (41%)



Cyan (42%)

Magenta (41%)


Yellow (81%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 52.587, 104.686 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, 52.587, 104.686 by changing the saturation by 10% instead.

 60, 52.587,
104.686


 60, 52.587,
104.686


 100, 52.587,
104.686


 50, 52.587,
104.686


 80, 52.587,
104.686

 40, 52.587,
104.686

 90, 52.587,
104.686

 30, 52.587,
104.686

 20, 52.587,
104.686

 10, 52.587,
104.686

 0, 52.587, 104.686

 60, 52.587,

 60, 52.587,

104.686

■ 60, 58.040,
104.114

■ 60, 62.028,
103.716

■ 60, 64.485,
103.496

■ 60, 65.013,
103.450

104.686

■ 60, 46.044,
105.401

■ 60, 38.758,
106.212

■ 61, 30.996,
107.088

■ 61, 22.941,
108.001

■ 61, 14.713,
108.929

■ 62, 6.392, 109.854

■ 62, 1.972, 290.802

■ 62, 10.343,
291.675

■ 63, 18.699,
292.536

Harmonies

Complementary

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



60, 52.587, 104.686



27, 64.542, 301.098

Rectangle

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



60, 52.587, 104.686



60, 52.587, 154.686



60, 52.587, 284.686



60, 52.587, 334.686

Sweetspot

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



60, 52.587, 104.688



77, 20.599, 108.673



36, 48.410, 29.198



40, 13.998, 108.438



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



60, 52.587, 104.688



76, 73.038, 103.892



57, 57.313, 126.327



31, 4.681, 109.712



55, 61.296, 103.445



3, 4.113, 110.562

Inverse Universe

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



27, 64.542, 301.098



28, 95.548, 304.069



32, 63.345, 312.317



28, 4.781, 291.473



15, 84.572, 306.328



0, 4.114, 290.563

Previews

White Background



This preview shows how the CIELCh color 60, 52.587, 104.686 looks on a white background.

Color Contrast Check

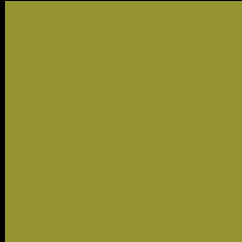
Large Text (above 18pt) WCAG AA ✓ Pass

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, 52.587, 104.686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

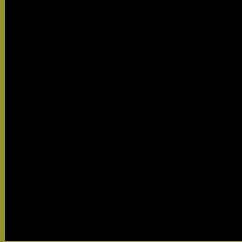
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 52.587, 104.686

Background



This preview shows how black text looks on a background with the CIELCh color 60, 52.587, 104.686.



This preview shows how white text looks on a background with the CIELCh color 60, 52.587, 104.686.

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, 52.587, 104.686

Protanopia
60, 52.047, 95.509

Deuteranopia
60, 50.590, 81.211



Tritanopia
60, 9.014, 341.628

Trichromacy



Original Color
60, 52.587, 104.686

Protanomaly
60, 52.412, 99.132

Deuteranomaly
60, 49.824, 89.881

Tritanomaly
60, 17.491, 92.783

Monochromacy



Original Color
60, 52.587, 104.686

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 20.239, 107.785

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 52.587, 104.686 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(148, 149, 48)` looks like.

```
.text, #text, p{  
    color:rgb(148, 149, 48)  
}
```

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(148, 149, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 149, 48) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 52.587, 104.686 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(148, 149, 48) }
```

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

```
.border{ border-color:rgb(148, 149, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 149, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 149, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 149, 48);  
box-shadow:4px 4px 4px 4px rgb(148, 149,  
48) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 52.587, 104.686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 149, 48) }
```

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

```
.background{ background-color: rgb(148,  
149, 48) }
```

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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