

Converting Colors

CIELCh(62, 53.012, 116.504)

Have a look what the booklet for
CIELCh(62, 53.012, 116.504)
contains.

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Color

CIELCh(62, 52.980, 116.504)

Conversions

Conversions Part 1

Format	Color
Hex	869F3C
RGB	134, 159, 60
RGB Percent	53%, 62%, 24%
CMY	0.4726, 0.3746, 0.7629
CMYK	0.16, 0.00, 0.62, 0.37
HSL	75°, 45%, 43%
HSV	75°, 62%, 63%
XYZ	23.2191, 30.4025, 8.9844
YIQ	140.2390, 16.8790, -36.0890

Conversions

Conversions Part 2

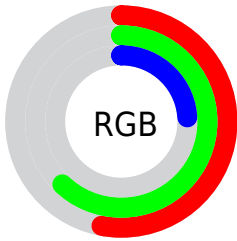
Format	Color
RYB	60, 159, 85
Decimal	8822588
CIELab	62.00, -23.64, 47.41
CIELCh	62, 52.980, 116.504
Yxy	30.4025, 0.3709, 0.4856
Android (android.graphics.Color)	4287012668 (0xFF869F3C)
YUV	140.2390, -39.5578, -5.4716
Hunter-Lab	55.1385, -21.3251, 28.9361

Details

The CIELCh color **62, 52.980, 116.504** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **33, 61.667, 305.396**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 52.961, 116.769**, and **42, 53.348, 116.750** is the 20% darker color. If you saturate the color by 10%, you get **62, 59.683, 116.288**, and if you desaturate by 10%, it is **62, 45.368, 116.915**.

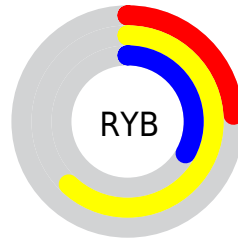
Distribution



Red (53%)

Green (62%)

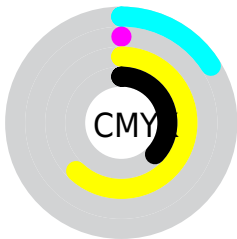
Blue (24%)



Red (24%)

Yellow (62%)

Blue (33%)

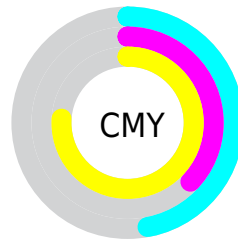


Cyan (16%)

Magenta (0%)

Yellow (62%)

Black (37%)



Cyan (47%)


Magenta (37%)


Yellow (76%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 52.980, 116.504 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 62, 52.980, 116.504 by changing the saturation by 10% instead.


 62, 52.980,
116.504


 62, 52.980,
116.504


 100, 52.980,
116.504


 52, 52.980,
116.504


 82, 52.980,
116.504

 42, 52.980,
116.504

 92, 52.980,
116.504

 32, 52.980,
116.504

 22, 52.980,
116.504

 12, 52.980,
116.504

 2, 52.980, 116.504

 0, 52.980, 116.504

■ 62, 52.980,
116.504

■ 62, 52.980,
116.504

■ 62, 59.683,
116.288

■ 62, 45.368,
116.915

■ 61, 65.088,
116.357

■ 63, 37.158,
117.442

■ 61, 68.840,
116.806

■ 64, 28.574,
118.033

■ 61, 70.923,
117.356

■ 64, 19.769,
118.652

■ 65, 10.843,
119.273

■ 66, 1.865, 119.893

■ 66, 7.115, 300.459

■ 67, 16.066,
301.016

■ 68, 24.961,
301.539

Harmonies

Complementary

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



62, 52.980, 116.504



33, 61.667, 305.396

Rectangle

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



62, 52.980, 116.504



62, 52.980, 166.504



62, 52.980, 296.504



62, 52.980, 346.504

Sweetspot

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



62, 52.981, 116.506



81, 21.012, 118.822



45, 39.785, 44.578



43, 14.564, 118.653



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



62, 52.981, 116.506



78, 75.368, 116.277



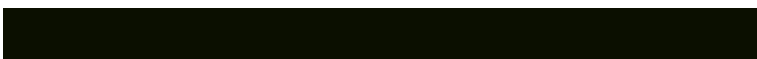
59, 60.454, 133.970



33, 5.038, 119.449



55, 65.370, 117.235



4, 6.647, 121.329

Inverse Universe

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



33, 61.667, 305.396



36, 91.915, 306.793



39, 62.287, 319.668



31, 5.135, 300.584



17, 84.776, 307.931



1, 6.607, 299.505

Previews

White Background



This preview shows how the CIELCh color 62, 52.980, 116.504 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 CIELCh color 62, 52.980, 116.504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

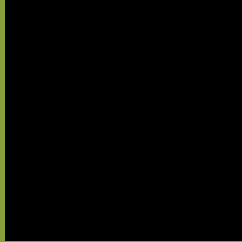
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 52.980, 116.504

Background



This preview shows how black text looks on a background with the CIELCh color 62, 52.980, 116.504.



This preview shows how white text looks on a background with the CIELCh color 62, 52.980, 116.504.

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

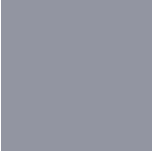
62, 52.980, 116.504

Protanopia

62, 49.467, 95.599

Deuteranopia

62, 46.460, 80.073



Tritanopia
62, 6.812, 281.511

Trichromacy



Original Color
62, 52.980, 116.504

Protanomaly
62, 49.607, 103.583

Deuteranomaly
61, 46.058, 94.153

Tritanomaly
62, 16.776, 123.800

Monochromacy



Original Color
62, 52.980, 116.504

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 20.460, 118.422

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 52.980, 116.504 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(134, 159, 60)` looks like.

```
.text, #text, p{  
    color:rgb(134, 159, 60)  
}
```

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(134, 159, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 159, 60) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 52.980, 116.504 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(134, 159, 60) }
```

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

```
.border{ border-color:rgb(134, 159, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 159, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 159, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 159, 60);  
box-shadow:4px 4px 4px 4px rgb(134, 159,  
60) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 52.980, 116.504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 159, 60) }
```

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

```
.background{ background-color: rgb(134,  
159, 60) }
```

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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