

Converting Colors

CIELCh(60, 23.415, 114.717)

Have a look what the booklet for
CIELCh(60, 23.415, 114.717)
contains.

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Color

CIELCh(60, 23.549, 114.712)

Conversions

Conversions Part 1

Format	Color
Hex	8E956B
RGB	142, 149, 107
RGB Percent	56%, 58%, 42%
CMY	0.4448, 0.4174, 0.5820
CMYK	0.05, 0.00, 0.28, 0.42
HSL	70°, 16%, 50%
HSV	70°, 28%, 58%
XYZ	24.3921, 28.1233, 17.9392
YIQ	142.1190, 9.3100, -14.5460

Conversions

Conversions Part 2

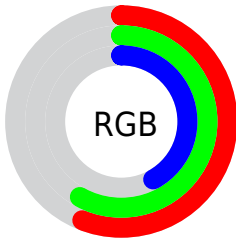
Format	Color
R_{YB}	107, 149, 114
Decimal	9344363
CIE _{Lab}	60.00, -9.84, 21.39
CIE _{LCh}	60, 23.549, 114.712
Yxy	28.1233, 0.3462, 0.3992
Android (android.graphics.Color)	4287534443 (0xFF8E956B)
YUV	142.1190, -17.3137, -0.1044
Hunter-Lab	53.0314, -10.7029, 17.0657

Details

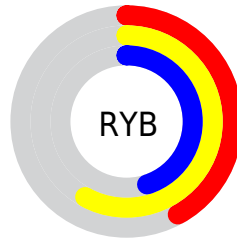
The CIELCh color $60, 23.549, 114.712$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $47, 25.067, 299.111$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 23.351, 114.824$, and $40, 23.428, 114.578$ is the 20% darker color. If you saturate the color by 10%, you get $60, 31.642, 114.019$, and if you desaturate by 10%, it is $61, 15.285, 115.428$.

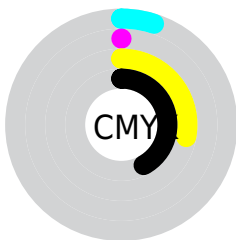
Distribution



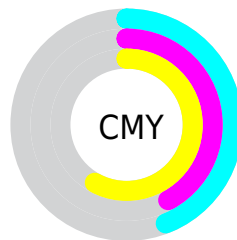
- Red (56%)
- Green (58%)
- Blue (42%)



- Red (42%)
- Yellow (58%)
- Blue (45%)



- Cyan (5%)
- Magenta (0%)
- Yellow (28%)
- Black (42%)





- Cyan (44%)
- Magenta (42%)
- Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 23.549, 114.712 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, 23.549, 114.712 by changing the saturation by 10% instead.


 60, 23.549,
114.712


 60, 23.549,
114.712


 100, 23.549,
114.712


 50, 23.549,
114.712


 80, 23.549,
114.712

 40, 23.549,
114.712

 90, 23.549,
114.712

 30, 23.549,
114.712

 20, 23.549,
114.712

 10, 23.549,
114.712

 0, 23.549, 114.712

 60, 23.549,

 60, 23.549,

114.712

114.712

60, 31.642,
114.019

61, 15.285,
115.428

59, 39.439,
113.369

61, 6.926, 116.138

59, 46.760,
112.804

62, 1.473, 296.832

62, 9.872, 297.501

58, 53.345,
112.380

63, 18.246,
298.140

58, 58.851,
112.170

64, 26.575,
298.745

58, 62.910,
112.252

64, 34.844,
299.315

58, 65.521,
112.629

65, 43.042,
299.849

58, 65.952,
112.696

66, 51.159,

Harmonies

Complementary

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



60, 23.549, 114.712



47, 25.067, 299.111

Rectangle

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



60, 23.549, 114.712



60, 23.549, 164.712



60, 23.549, 294.712



60, 23.549, 344.712

Sweetspot

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



60, 23.550, 114.715



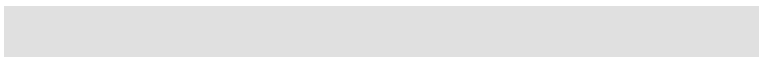
78, 8.333, 116.144



51, 15.692, 35.869



41, 5.905, 116.046



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, 23.550, 114.715



76, 35.035, 114.263



58, 26.211, 133.397



31, 4.720, 116.071



54, 62.386, 112.633



2, 4.146, 116.711

Inverse Universe

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



47, 25.067, 299.111



57, 37.922, 299.801



49, 26.832, 315.847



29, 4.817, 297.389



16, 83.493, 307.148



0, 4.147, 296.711

Previews

White Background



This preview shows how the CIELCh color 60, 23.549, 114.712 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, 23.549, 114.712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

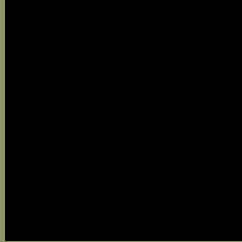
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

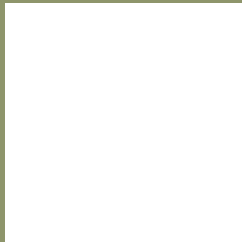
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 23.549, 114.712

Background



This preview shows how black text looks on a background with the CIELCh color 60, 23.549, 114.712.



This preview shows how white text looks on a background with the CIELCh color 60, 23.549, 114.712.

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, 23.549, 114.712

Protanopia
60, 22.342, 95.418

Deuteranopia
60, 21.761, 70.172



Tritanopia
60, 7.193, 309.392

Trichromacy



Original Color
60, 23.549, 114.712

Protanomaly
60, 22.383, 103.232

Deuteranomaly
60, 20.659, 85.952

Tritanomaly
60, 4.011, 98.317

Monochromacy



Original Color
60, 23.549, 114.712

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 8.491, 114.638

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 23.549, 114.712 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(142, 149, 107)` looks like.

```
.text, #text, p{  
    color:rgb(142, 149, 107)  
}
```

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(142, 149, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 149, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 23.549, 114.712 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(142, 149, 107) }
```

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

```
.border{ border-color:rgb(142, 149, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 149, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 149, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 149, 107);  
box-shadow:4px 4px 4px 4px rgb(142, 149,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 23.549, 114.712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 149, 107) }
```

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

```
.background{ background-color: rgb(142,  
149, 107) }
```

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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