

Converting Colors

CIELCh(58, 16.005, 114.180)

Have a look what the booklet for
CIELCh(58, 16.005, 114.180)
contains.

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Color

CIELCh(58, 15.866, 114.337)

Conversions

Conversions Part 1

Format	Color
Hex	8A8E72
RGB	138, 142, 114
RGB Percent	54%, 56%, 45%
CMY	0.4589, 0.4432, 0.5530
CMYK	0.03, 0.00, 0.20, 0.44
HSL	69°, 11%, 50%
HSV	69°, 20%, 56%
XYZ	23.1886, 25.9610, 19.7063
YIQ	137.6120, 6.6040, -9.5560

Conversions

Conversions Part 2

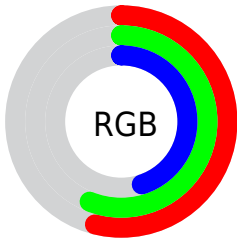
Format	Color
R_{YB}	114, 142, 118
Decimal	9080434
CIE _{Lab}	58.00, -6.54, 14.46
CIE _{LCh}	58, 15.866, 114.337
Yxy	25.9610, 0.3368, 0.3770
Android (android.graphics.Color)	4287270514 (0xFF8A8E72)
YUV	137.6120, -11.6407, 0.3403
Hunter-Lab	50.9519, -7.9292, 12.7352

Details

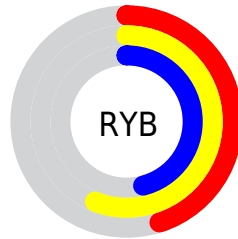
The CIELCh color $58, 15.866, 114.337$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $49, 16.557, 297.422$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 16.026, 114.244$, and $38, 15.880, 114.267$ is the 20% darker color. If you saturate the color by 10%, you get $58, 23.795, 113.603$, and if you desaturate by 10%, it is $58, 7.840, 115.079$.

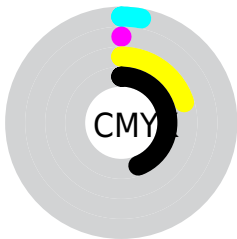
Distribution



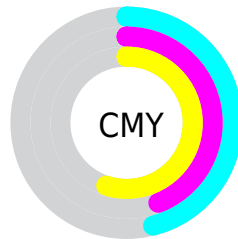
- Red (54%)
- Green (56%)
- Blue (45%)



- Red (45%)
- Yellow (56%)
- Blue (46%)



- Cyan (3%)
- Magenta (0%)
- Yellow (20%)
- Black (44%)





- Cyan (46%)
- Magenta (44%)
- Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 15.866, 114.337 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 58, 15.866, 114.337 by changing the saturation by 10% instead.


 58, 15.866,
114.337


 58, 15.866,
114.337


 100, 15.866,
114.337


 48, 15.866,
114.337


 78, 15.866,
114.337

 38, 15.866,
114.337

 88, 15.866,
114.337

 28, 15.866,
114.337

 98, 15.866,
114.337

 18, 15.866,
114.337

 8, 15.866, 114.337

 0, 15.866, 114.337

■ 58, 15.866,
114.337

■ 58, 15.866,
114.337

■ 58, 23.795,
113.603

■ 58, 7.840, 115.079

■ 57, 31.541,
112.884

■ 59, 0.234, 295.838

■ 60, 8.315, 296.507

■ 57, 38.983,
112.214

■ 60, 16.379,
297.178

■ 56, 45.939,
111.632

■ 61, 24.404,
297.817

■ 56, 52.148,
111.193

■ 62, 32.377,
298.420

■ 56, 57.273,
110.964

■ 62, 40.286,
298.987

■ 56, 60.967,
111.018

■ 63, 48.122,
299.518

■ 56, 63.448,

111.308

■ 64, 55.879,
300.014

■ 56, 63.517,
111.315

Harmonies

Complementary

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



58, 15.866, 114.337



49, 16.557, 297.422

Rectangle

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



58, 15.866, 114.337



58, 15.866, 164.337



58, 15.866, 294.337



58, 15.866, 344.337

Sweetspot

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



58, 15.867, 114.341



74, 5.968, 115.341



52, 10.437, 32.358



39, 3.945, 115.301



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



58, 15.867, 114.341



73, 23.768, 113.987



57, 17.462, 132.748



30, 4.575, 115.118



53, 61.271, 111.278



2, 3.103, 115.783

Inverse Universe

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



49, 16.557, 297.422



60, 25.082, 297.894



51, 17.784, 314.395



28, 4.669, 296.489



15, 82.570, 306.985



0, 3.104, 295.783

Previews

White Background



This preview shows how the CIELCh color 58, 15.866, 114.337 looks on a white background.

Color Contrast Check

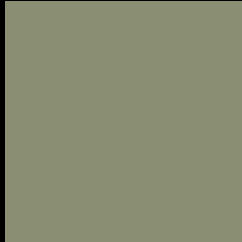
Large Text (above 18pt) WCAG AA ✓ Pass

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 58, 15.866, 114.337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

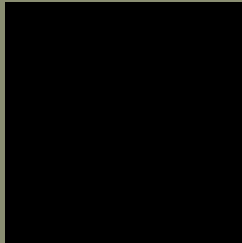
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

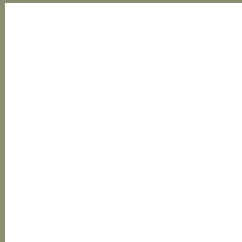
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 58, 15.866, 114.337

Background



This preview shows how black text looks on a background with the CIELCh color 58, 15.866, 114.337.



This preview shows how white text looks on a background with the CIELCh color 58, 15.866, 114.337.

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


58, 15.866, 114.337

Protanopia

58, 15.176, 93.953

Deuteranopia

58, 15.453, 61.125



Tritanopia
58, 6.703, 310.933

Trichromacy



Original Color
58, 15.866, 114.337

Protanomaly
58, 15.326, 102.086

Deuteranomaly
58, 14.207, 80.306

Tritanomaly
58, 1.863, 84.870

Monochromacy



Original Color
58, 15.866, 114.337

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 5.686, 113.544

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 15.866, 114.337 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, 142, 114)` looks like.

```
.text, #text, p{  
    color:rgb(138, 142, 114)  
}
```

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, 142, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 142, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 15.866, 114.337 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, 142, 114) }
```

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

```
.border{ border-color:rgb(138, 142, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 142, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 142, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 142, 114);  
box-shadow:4px 4px 4px 4px rgb(138, 142,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 15.866, 114.337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 142, 114) }
```

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

```
.background{ background-color: rgb(138,  
142, 114) }
```

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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