

Converting Colors

CIELCh(63, 25.345, 118.825)

Have a look what the booklet for
CIELCh(63, 25.345, 118.825)
contains.

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Color

CIELCh(63, 25.282, 118.837)

Conversions

Conversions Part 1

Format	Color
Hex	929E71
RGB	146, 158, 113
RGB Percent	57%, 62%, 44%
CMY	0.4289, 0.3818, 0.5583
CMYK	0.08, 0.00, 0.29, 0.38
HSL	76°, 19%, 53%
HSV	76°, 29%, 62%
XYZ	26.9112, 31.5869, 20.1962
YIQ	149.2820, 7.2930, -16.5390

Conversions

Conversions Part 2

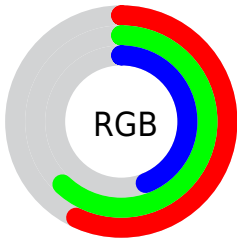
Format	Color
RYB	113, 158, 125
Decimal	9608817
CIELab	63.00, -12.19, 22.15
CIELCh	63, 25.282, 118.837
Yxy	31.5869, 0.3420, 0.4014
Android (android.graphics.Color)	4287798897 (0xFF929E71)
YUV	149.2820, -17.8870, -2.8783
Hunter-Lab	56.2022, -12.8831, 18.0358

Details

The CIELCh color $63, 25.282, 118.837$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $50, 26.790, 302.550$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 25.591, 119.335$, and $43, 25.234, 119.074$ is the 20% darker color. If you saturate the color by 10%, you get $62, 33.901, 118.250$, and if you desaturate by 10%, it is $64, 16.488, 119.447$.

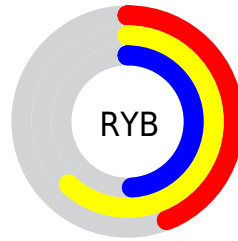
Distribution



Red (57%)

Green (62%)

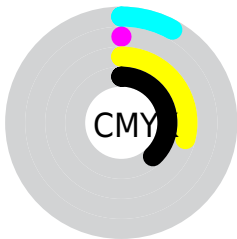
Blue (44%)



Red (44%)

Yellow (62%)

Blue (49%)

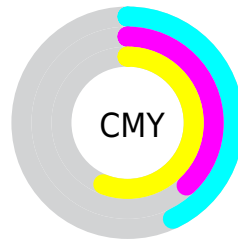


Cyan (8%)

Magenta (0%)

Yellow (29%)

Black (38%)



Cyan (43%)


Magenta (38%)


Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 25.282, 118.837 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 63, 25.282, 118.837 by changing the saturation by 10% instead.


 63, 25.282,
118.837


 63, 25.282,
118.837


 100, 25.282,
118.837


 53, 25.282,
118.837


 83, 25.282,
118.837

 43, 25.282,
118.837

 93, 25.282,
118.837

 33, 25.282,
118.837

 23, 25.282,
118.837

 13, 25.282,
118.837

 3, 25.282, 118.837

 0, 25.282, 118.837

■ 63, 25.282,
118.837

■ 63, 25.282,
118.837

■ 62, 33.901,
118.250

■ 64, 16.488,
119.447

■ 62, 42.212,
117.709

■ 64, 7.603, 120.051

■ 61, 50.023,
117.264

■ 65, 1.312, 300.609

■ 61, 57.059,
116.984

■ 66, 10.214,
301.188

■ 61, 62.957,
116.958

■ 67, 19.075,
301.718

■ 60, 67.335,
117.285

■ 68, 27.870,
302.213

■ 60, 70.195,
117.972

■ 69, 36.585,
302.675

■ 60, 70.590,

■ 70, 45.206,
303.102

118.072

 71, 53.726,
303.498

Harmonies

Complementary

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



63, 25.282, 118.837



50, 26.790, 302.550

Rectangle

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



63, 25.282, 118.837



63, 25.282, 168.837



63, 25.282, 298.837



63, 25.282, 348.837

Sweetspot

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



63, 25.283, 118.840



81, 9.888, 120.014



55, 15.791, 46.214



43, 6.855, 119.932



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



63, 25.283, 118.840



79, 37.019, 118.476



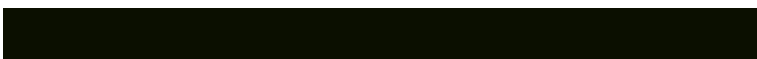
61, 28.633, 136.403



33, 5.048, 120.009



55, 65.626, 117.959



4, 6.661, 121.882

Inverse Universe

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



50, 26.790, 302.550



60, 39.793, 303.075



52, 29.076, 319.019



31, 5.143, 301.114



17, 84.585, 308.097



1, 6.618, 300.024

Previews

White Background



This preview shows how the CIELCh color 63, 25.282, 118.837 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 63, 25.282, 118.837 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

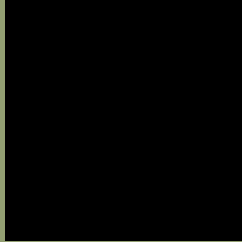
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 25.282, 118.837

Background



This preview shows how black text looks on a background with the CIELCh color 63, 25.282, 118.837.



This preview shows how white text looks on a background with the CIELCh color 63, 25.282, 118.837.

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
63, 25.282, 118.837

Protanopia
63, 23.834, 95.171

Deuteranopia
63, 22.550, 69.398



Tritanopia
63, 6.739, 294.088

Trichromacy



Original Color
63, 25.282, 118.837

Protanomaly
63, 23.784, 104.485

Deuteranomaly
63, 21.326, 88.117

Tritanomaly
63, 4.621, 124.345

Monochromacy



Original Color
63, 25.282, 118.837

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 9.079, 119.276

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 25.282, 118.837 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(146, 158, 113)` looks like.

```
.text, #text, p{  
    color:rgb(146, 158, 113)  
}
```

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(146, 158, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 158, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 25.282, 118.837 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(146, 158, 113) }
```

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

```
.border{ border-color:rgb(146, 158, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 158, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 158, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 158, 113);  
box-shadow:4px 4px 4px 4px rgb(146, 158,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 25.282, 118.837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 158, 113) }
```

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

```
.background{ background-color: rgb(146,  
158, 113) }
```

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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