

Converting Colors

CIELCh(60, 25.472, 117.748)

Have a look what the booklet for
CIELCh(60, 25.472, 117.748)
contains.

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Color

CIELCh(60, 25.952, 117.580)

Conversions

| Conversions Part 1 | |
|--------------------|----------------------------|
| Format | Color |
| Hex | 8B9668 |
| RGB | 139, 150, 104 |
| RGB Percent | 55%, 59%, 41% |
| CMY | 0.4565, 0.4134, 0.5937 |
| CMYK | 0.07, 0.00, 0.31, 0.41 |
| HSL | 74°, 18%, 50% |
| HSV | 74°, 31%, 59% |
| XYZ | 23.8956, 28.1233, 17.1602 |
| YIQ | 141.4670, 8.2100, -16.6380 |

Conversions

Conversions Part 2

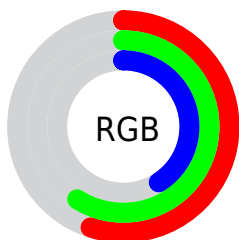
| Format | Color |
|-------------------------------------|---|
| RYB | 104, 150, 115 |
| Decimal | 9148008 |
| CIELab | 60.00, -12.02, 23.00 |
| CIELCh | 60, 25.952, 117.580 |
| Yxy | 28.1233, 0.3454, 0.4065 |
| Android (android.graphics.Color) | 4287338088 (0xFF8B9668) |
| YUV | 141.4670, -18.4712, -2.1636 |
| Hunter-Lab | 53.0314, -12.3740, 17.9367 |

Details

The CIELCh color $60, 25.952, 117.580$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $46, 27.684, 301.799$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 25.635, 117.587$, and $40, 25.969, 117.624$ is the 20% darker color. If you saturate the color by 10%, you get $59, 34.120, 116.976$, and if you desaturate by 10%, it is $61, 17.593, 118.213$.

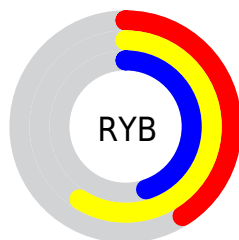
Distribution



Red (55%)

Green (59%)

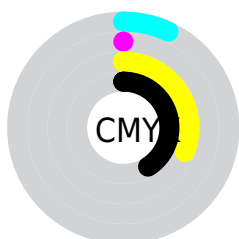
Blue (41%)



Red (41%)

Yellow (59%)

Blue (45%)

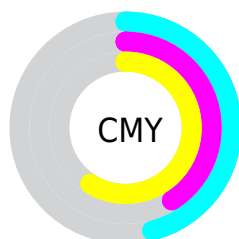


Cyan (7%)

Magenta (0%)

Yellow (31%)

Black (41%)



Cyan (46%)


Magenta (41%)


Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 25.952, 117.580 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, 25.952, 117.580 by changing the saturation by 10% instead.


 60, 25.952,
117.580


 60, 25.952,
117.580


 100, 25.952,
117.580


 50, 25.952,
117.580


 80, 25.952,
117.580

 40, 25.952,
117.580

 90, 25.952,
117.580

 30, 25.952,
117.580

 20, 25.952,
117.580

 10, 25.952,
117.580


 0, 25.952, 117.580


 60, 25.952,

 60, 25.952,

117.580

117.580

 59, 34.120,
116.976

 61, 17.593,
118.213


 59, 41.959,
116.425


 61, 9.128, 118.843


 59, 49.271,
115.980


 62, 0.621, 119.490

 63, 7.887, 300.045


 58, 55.777,
115.708


 63, 16.365,
300.609


 58, 61.121,
115.699

 64, 24.791,
301.139

 58, 64.949,
116.044

 65, 33.147,
301.634

 57, 67.405,
116.610

 66, 41.423,
302.096

 67, 49.608,

Harmonies

Complementary

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



60, 25.952, 117.580



46, 27.684, 301.799

Rectangle

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



60, 25.952, 117.580



60, 25.952, 167.580



60, 25.952, 297.580



60, 25.952, 347.580

Sweetspot

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



60, 25.953, 117.583



78, 9.450, 118.941



51, 16.672, 42.631



41, 6.547, 118.858



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, 25.953, 117.583



76, 38.383, 117.154



58, 29.237, 135.307



31, 4.758, 118.940



53, 63.430, 116.519



2, 4.177, 119.500

Inverse Universe

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



46, 27.684, 301.799



55, 41.663, 302.456



49, 29.808, 318.066



29, 4.850, 300.090



16, 82.696, 307.813



0, 4.178, 299.500

Previews

White Background



This preview shows how the CIELCh color 60, 25.952, 117.580 looks on a white background.

Color Contrast Check

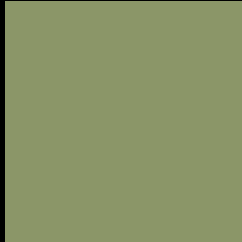
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 25.952, 117.580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

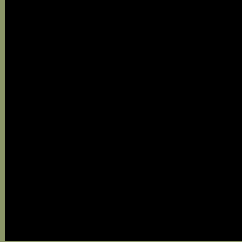
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 25.952, 117.580

Background



This preview shows how black text looks on a background with the CIELCh color 60, 25.952, 117.580.



This preview shows how white text looks on a background with the CIELCh color 60, 25.952, 117.580.

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, 25.952, 117.580

Protanopia

60, 24.599, 95.172

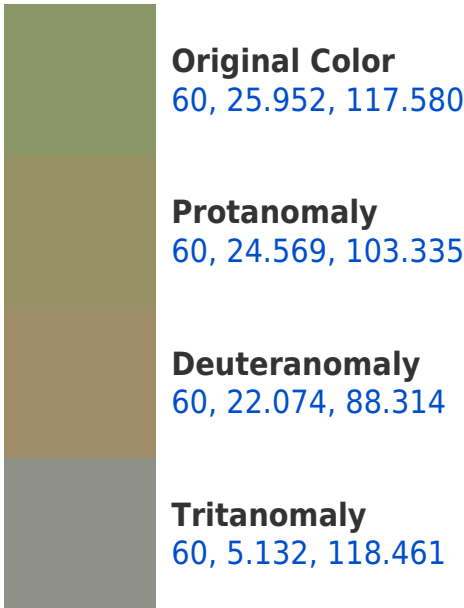
Deuteranopia

60, 23.288, 69.961

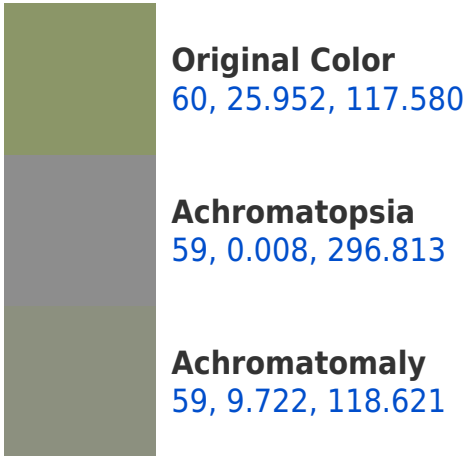


Tritanopia
60, 6.280, 297.796

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 25.952, 117.580 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(139, 150, 104)` looks like.

```
.text, #text, p{  
    color:rgb(139, 150, 104)  
}
```

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(139, 150, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 150, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 25.952, 117.580 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(139, 150, 104) }
```

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

```
.border{ border-color:rgb(139, 150, 104) }
```

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

Here you see how a box with a 4 pixel rgb(139, 150, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 150, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 150, 104);  
box-shadow:4px 4px 4px 4px rgb(139, 150,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 25.952, 117.580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 150, 104) }
```

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

```
.background{ background-color: rgb(139,  
150, 104) }
```

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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