

Converting Colors

CIELCh(61, 24.234, 118.418)

Have a look what the booklet for
CIELCh(61, 24.234, 118.418)
contains.

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Color

CIELCh(61, 24.293, 118.411)

Conversions

Conversions Part 1

Format	Color
Hex	8D986D
RGB	141, 152, 109
RGB Percent	55%, 60%, 43%
CMY	0.4468, 0.4037, 0.5723
CMYK	0.07, 0.00, 0.28, 0.40
HSL	75°, 17%, 51%
HSV	75°, 28%, 60%
XYZ	24.9951, 29.2481, 18.8116
YIQ	143.8090, 7.2470, -15.7050

Conversions

Conversions Part 2

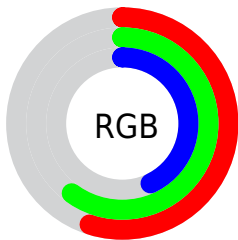
Format	Color
RYB	109, 152, 120
Decimal	9279597
CIELab	61.00, -11.56, 21.37
CIELCh	61, 24.293, 118.411
Yxy	29.2481, 0.3421, 0.4004
Android (android.graphics.Color)	4287469677 (0xFF8D986D)
YUV	143.8090, -17.1608, -2.4635
Hunter-Lab	54.0815, -12.1447, 17.2337

Details

The CIELCh color $61, 24.293, 118.411$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $49, 25.740, 302.148$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 24.056, 118.318$, and $41, 24.231, 118.628$ is the 20% darker color. If you saturate the color by 10%, you get $60, 32.654, 117.814$, and if you desaturate by 10%, it is $62, 15.765, 119.030$.

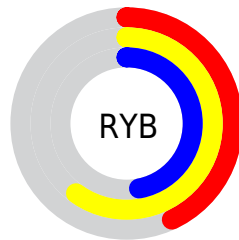
Distribution



Red (55%)

Green (60%)

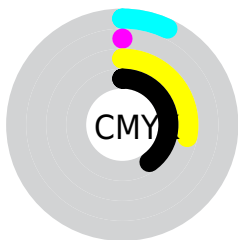
Blue (43%)



Red (43%)

Yellow (60%)

Blue (47%)

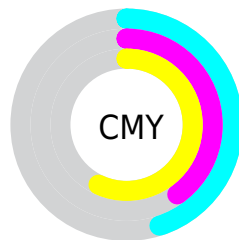


Cyan (7%)

Magenta (0%)

Yellow (28%)

Black (40%)



Cyan (45%)


Magenta (40%)


Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 24.293, 118.411 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 61, 24.293, 118.411 by changing the saturation by 10% instead.


 61, 24.293,
118.411


 61, 24.293,
118.411


 100, 24.293,
118.411


 51, 24.293,
118.411


 81, 24.293,
118.411

 41, 24.293,
118.411

 91, 24.293,
118.411

 31, 24.293,
118.411

 21, 24.293,
118.411

 11, 24.293,
118.411

 1, 24.293, 118.411

 0, 24.293, 118.411

■ 61, 24.293,
118.411

■ 61, 24.293,
118.411

■ 60, 32.654,
117.814

■ 62, 15.765,
119.030

■ 60, 40.720,
117.262

■ 62, 7.150, 119.643

■ 59, 48.310,
116.803

■ 63, 1.494, 300.215

■ 59, 55.160,
116.502

■ 64, 10.127,
300.798

■ 59, 60.924,
116.446

■ 65, 18.721,
301.337

■ 58, 65.231,
116.733

■ 65, 27.254,
301.841

■ 58, 68.067,
117.370

■ 66, 35.711,
302.312

■ 58, 68.529,

■ 67, 44.079,
302.749

117.479

■ 68, 52.351,
303.153

Harmonies

Complementary

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



61, 24.293, 118.411



49, 25.740, 302.148

Rectangle

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



61, 24.293, 118.411



61, 24.293, 168.411



61, 24.293, 298.411



61, 24.293, 348.411

Sweetspot

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



61, 24.294, 118.414



79, 8.597, 119.650



53, 15.278, 44.425



42, 6.094, 119.564



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



61, 24.294, 118.414



77, 36.203, 118.026



59, 27.414, 135.934



32, 4.905, 119.585



54, 64.570, 117.387



3, 5.329, 120.605

Inverse Universe

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



49, 25.740, 302.148



59, 38.947, 302.711



51, 27.871, 318.486



30, 4.998, 300.707



17, 83.611, 307.983



0, 5.319, 299.968

Previews

White Background



This preview shows how the CIELCh color 61, 24.293, 118.411 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 61, 24.293, 118.411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

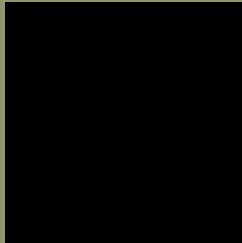
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

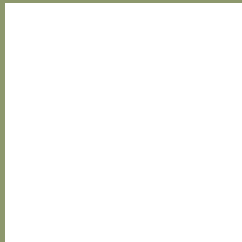
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 24.293, 118.411

Background



This preview shows how black text looks on a background with the CIELCh color 61, 24.293, 118.411.



This preview shows how white text looks on a background with the CIELCh color 61, 24.293, 118.411.

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

61, 24.293, 118.411

Protanopia

61, 22.801, 95.693

Deuteranopia

61, 21.979, 69.346



Tritanopia
61, 6.257, 297.787

Trichromacy



Original Color
61, 24.293, 118.411

Protanomaly
61, 22.824, 104.387

Deuteranomaly
61, 20.783, 88.696

Tritanomaly
61, 4.649, 124.337

Monochromacy



Original Color
61, 24.293, 118.411

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 9.134, 119.256

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 24.293, 118.411 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(141, 152, 109)` looks like.

```
.text, #text, p{  
    color:rgb(141, 152, 109)  
}
```

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(141, 152, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 152, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 24.293, 118.411 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(141, 152, 109) }
```

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

```
.border{ border-color:rgb(141, 152, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 152, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 152, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 152, 109);  
box-shadow:4px 4px 4px 4px rgb(141, 152,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 24.293, 118.411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 152, 109) }
```

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

```
.background{ background-color: rgb(141,  
152, 109) }
```

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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