

Converting Colors

CIELCh(61, 25.001, 107.332)

Have a look what the booklet for
CIELCh(61, 25.001, 107.332)
contains.

CIELCh(61, 24.945, 107.352)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(61, 24.945, 107.352)

Conversions

Conversions Part 1

Format	Color
Hex	969669
RGB	150, 150, 105
RGB Percent	59%, 59%, 41%
CMY	0.4124, 0.4124, 0.5888
CMYK	0.00, 0.00, 0.30, 0.41
HSL	60°, 18%, 50%
HSV	60°, 30%, 59%
XYZ	25.9716, 29.2481, 17.6010
YIQ	144.8700, 14.4450, -13.9950

Conversions

Conversions Part 2

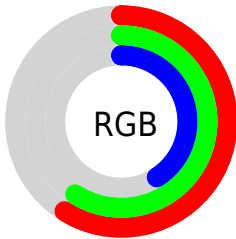
Format	Color
R_{YB}	105, 150, 105
Decimal	9868905
CIE _{Lab}	61.00, -7.44, 23.81
CIE _{LCh}	61, 24.945, 107.352
Yxy	29.2481, 0.3567, 0.4016
Android (android.graphics.Color)	4288058985 (0xFF969669)
YUV	144.8700, -19.6559, 4.4990
Hunter-Lab	54.0815, -8.9214, 18.5609

Details

The CIELCh color $61, 24.945, 107.352$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $46, 26.777, 293.763$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 24.705, 107.040$, and $41, 24.856, 107.458$ is the 20% darker color. If you saturate the color by 10%, you get $61, 32.969, 106.435$, and if you desaturate by 10%, it is $61, 16.726, 108.297$.

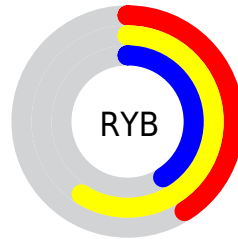
Distribution



Red (59%)

Green (59%)

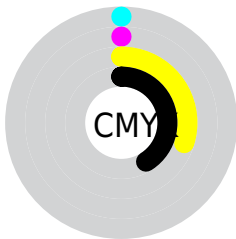
Blue (41%)



Red (41%)

Yellow (59%)

Blue (41%)

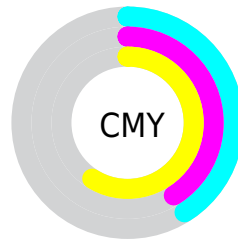


Cyan (0%)

Magenta (0%)

Yellow (30%)

Black (41%)



Cyan (41%)


Magenta (41%)


Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 24.945, 107.352 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, 24.945, 107.352 by changing the saturation by 10% instead.


 61, 24.945,
107.352


 61, 24.945,
107.352


 100, 24.945,
107.352


 51, 24.945,
107.352


 81, 24.945,
107.352

 41, 24.945,
107.352

 91, 24.945,
107.352

 31, 24.945,
107.352

 21, 24.945,
107.352

 11, 24.945,
107.352

 1, 24.945, 107.352

 0, 24.945, 107.352

■ 61, 24.945,
107.352

■ 61, 24.945,
107.352

■ 61, 32.969,
106.435

■ 61, 16.726,
108.297

■ 61, 40.661,
105.556

■ 62, 8.397, 109.239

■ 60, 47.819,
104.749

■ 62, 0.015, 106.648

■ 62, 8.382, 291.102

■ 60, 54.155,
104.046

■ 63, 16.768,
291.985

■ 60, 59.303,
103.485

■ 63, 25.126,
292.837

■ 60, 62.902,
103.100

■ 64, 33.441,
293.651

■ 60, 65.184,
102.860

■ 65, 41.704,
294.425

■ 65, 49.907,
295.157

Harmonies

Complementary

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



61, 24.945, 107.352



46, 26.777, 293.763

Rectangle

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



61, 24.945, 107.352



61, 24.945, 157.352



61, 24.945, 287.352



61, 24.945, 337.352

Sweetspot

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



61, 24.946, 107.356



78, 9.296, 109.319



49, 19.433, 21.821



41, 6.440, 109.194



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



61, 24.946, 107.356



77, 36.691, 106.736



59, 26.780, 127.709



31, 4.681, 109.317



56, 61.289, 102.860



3, 4.113, 110.181

Inverse Universe

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



46, 26.777, 293.763



55, 40.152, 294.818



48, 27.897, 310.489



28, 4.780, 291.107



15, 84.628, 306.288



0, 4.113, 290.183

Previews

White Background



This preview shows how the CIELCh color 61, 24.945, 107.352 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, 24.945, 107.352 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

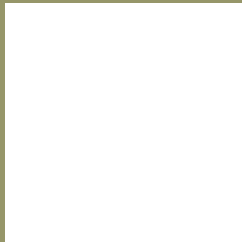
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 24.945, 107.352

Background



This preview shows how black text looks on a background with the CIELCh color 61, 24.945, 107.352.



This preview shows how white text looks on a background with the CIELCh color 61, 24.945, 107.352.

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, 24.945, 107.352

Protanopia

61, 24.511, 95.246

Deuteranopia

61, 24.104, 71.445



Tritanopia
61, 8.439, 327.019

Trichromacy



Original Color
61, 24.945, 107.352

Protanomaly
61, 24.702, 99.383

Deuteranomaly
61, 23.206, 84.679

Tritanomaly
61, 5.746, 70.843

Monochromacy



Original Color
61, 24.945, 107.352

Achromatopsia
60, 0.008, 296.813

Achromatomaly
61, 9.532, 109.092

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 24.945, 107.352 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(150, 150, 105)` looks like.

```
.text, #text, p{  
    color:rgb(150, 150, 105)  
}
```

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(150, 150, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 150, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 24.945, 107.352 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(150, 150, 105) }
```

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

```
.border{ border-color:rgb(150, 150, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 150, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 150, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 150, 105);  
box-shadow:4px 4px 4px 4px rgb(150, 150,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 24.945, 107.352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 150, 105) }
```

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

```
.background{ background-color: rgb(150,  
150, 105) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor