

Converting Colors

CIELCh(61, 32.424, 107.296)

Have a look what the booklet for
CIELCh(61, 32.424, 107.296)
contains.

CIELCh(61, 32.421, 107.281)	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, 32.421, 107.281)

Conversions

Conversions Part 1

Format	Color
Hex	96975C
RGB	150, 151, 92
RGB Percent	59%, 59%, 36%
CMY	0.4131, 0.4091, 0.6404
CMYK	0.01, 0.00, 0.39, 0.41
HSL	61°, 24%, 48%
HSV	61°, 39%, 59%
XYZ	25.4490, 29.2481, 14.3591
YIQ	143.9750, 18.3430, -18.5610

Conversions

Conversions Part 2

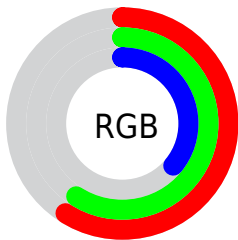
Format	Color
R_{YB}	92, 151, 93
Decimal	9869148
CIE Lab	61.00, -9.63, 30.96
CIE LCh	61, 32.421, 107.281
Yxy	29.2481, 0.3685, 0.4235
Android (android.graphics.Color)	4288059228 (0xFF96975C)
YUV	143.9750, -25.6237, 5.2839
Hunter-Lab	54.0815, -10.6465, 22.1151

Details

The CIELCh color $61, 32.421, 107.281$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $41, 35.746, 295.737$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 32.416, 107.263$, and $41, 32.462, 106.941$ is the 20% darker color. If you saturate the color by 10%, you get $61, 40.184, 106.427$, and if you desaturate by 10%, it is $61, 24.341, 108.183$.

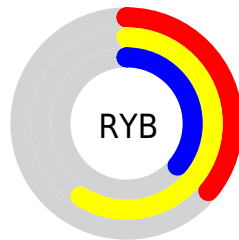
Distribution



Red (59%)

Green (59%)

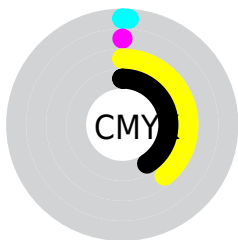
Blue (36%)



Red (36%)

Yellow (59%)

Blue (36%)

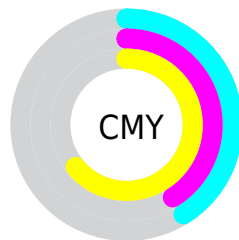


Cyan (1%)

Magenta (0%)

Yellow (39%)

Black (41%)



Cyan (41%)


Magenta (41%)


Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 32.421, 107.281 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, 32.421, 107.281 by changing the saturation by 10% instead.


 61, 32.421,
107.281


 61, 32.421,
107.281


 100, 32.421,
107.281


 51, 32.421,
107.281


 81, 32.421,
107.281

 41, 32.421,
107.281

 91, 32.421,
107.281

 31, 32.421,
107.281

 21, 32.421,
107.281

 11, 32.421,
107.281

 1, 32.421, 107.281

 0, 32.421, 107.281

■ 61, 32.421,
107.281

■ 61, 32.421,
107.281

■ 61, 40.184,
106.427

■ 61, 24.341,
108.183

■ 61, 47.430,
105.640

■ 62, 16.071,
109.100

■ 60, 53.880,
104.960

■ 62, 7.695, 110.016

■ 60, 59.171,
104.429

■ 62, 0.729, 290.994

■ 63, 9.166, 291.821

■ 60, 62.933,
104.086

■ 63, 17.590,
292.676

■ 60, 65.274,
103.912

■ 64, 25.983,
293.497

■ 60, 65.467,
103.898

■ 65, 34.332,
294.281

■ 65, 42.626,
295.025

Harmonies

Complementary

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



61, 32.421, 107.281



41, 35.746, 295.737

Rectangle

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



61, 32.421, 107.281



61, 32.421, 157.281



61, 32.421, 287.281



61, 32.421, 337.281

Sweetspot

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



61, 32.422, 107.284



79, 12.524, 109.734



46, 25.892, 24.179



42, 8.371, 109.626



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, 32.422, 107.284



77, 47.774, 106.526



59, 35.062, 127.870



32, 4.815, 110.008



56, 62.129, 103.891



3, 5.230, 110.943

Inverse Universe

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



41, 35.746, 295.737



48, 54.231, 297.280



44, 36.953, 311.510



29, 4.919, 291.755



15, 85.666, 306.358



0, 5.231, 290.841

Previews

White Background



This preview shows how the CIE LCh color 61, 32.421, 107.281 looks on a white background.

Color Contrast Check

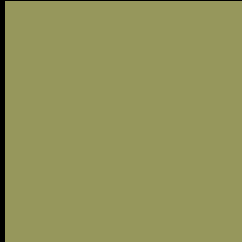
Large Text (above 18pt) WCAG AA ✓ Pass

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, 32.421, 107.281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

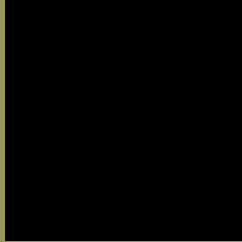
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 32.421, 107.281

Background



This preview shows how black text looks on a background with the CIELCh color 61, 32.421, 107.281.



This preview shows how white text looks on a background with the CIELCh color 61, 32.421, 107.281.

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, 32.421, 107.281

Protanopia

61, 32.140, 95.459

Deuteranopia

61, 31.091, 76.095



Tritanopia
61, 8.245, 331.549

Trichromacy



Original Color
61, 32.421, 107.281

Protanomaly
61, 31.722, 99.411

Deuteranomaly
61, 30.593, 88.290

Tritanomaly
61, 9.011, 88.090

Monochromacy



Original Color
61, 32.421, 107.281

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 11.782, 108.827

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 32.421, 107.281 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, 151, 92)` looks like.

```
.text, #text, p{  
    color:rgb(150, 151, 92)  
}
```

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, 151, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 151, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 32.421, 107.281 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, 151, 92) }
```

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

```
.border{ border-color:rgb(150, 151, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 151, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 151, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 151, 92);  
box-shadow:4px 4px 4px 4px rgb(150, 151,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 32.421, 107.281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 151, 92) }
```

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

```
.background{ background-color: rgb(150,  
151, 92) }
```

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