

Converting Colors

CIELCh(64, 32.394, 113.366)

Have a look what the booklet for
CIELCh(64, 32.394, 113.366)
contains.

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Color

CIELCh(64, 32.389, 113.476)

Conversions

Conversions Part 1

Format	Color
Hex	97A065
RGB	151, 160, 101
RGB Percent	59%, 63%, 40%
CMY	0.4066, 0.3713, 0.6028
CMYK	0.06, 0.00, 0.37, 0.37
HSL	69°, 24%, 51%
HSV	69°, 37%, 63%
XYZ	27.8066, 32.8017, 17.2516
YIQ	150.5830, 13.5750, -20.2570

Conversions

Conversions Part 2

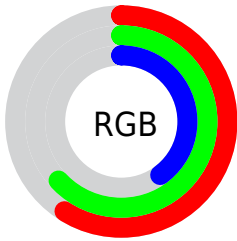
Format	Color
RYB	101, 160, 110
Decimal	9936997
CIELab	64.00, -12.90, 29.71
CIELCh	64, 32.389, 113.476
Yxy	32.8017, 0.3571, 0.4213
Android (android.graphics.Color)	4288127077 (0xFF97A065)
YUV	150.5830, -24.4444, 0.3657
Hunter-Lab	57.2727, -13.5634, 22.2317

Details

The CIELCh color $64, 32.389, 113.476$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $46, 35.317, 299.611$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 32.381, 113.695$, and $44, 32.541, 113.799$ is the 20% darker color. If you saturate the color by 10%, you get $64, 40.716, 112.799$, and if you desaturate by 10%, it is $64, 23.766, 114.200$.

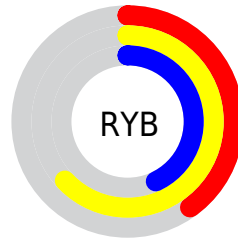
Distribution



Red (59%)

Green (63%)

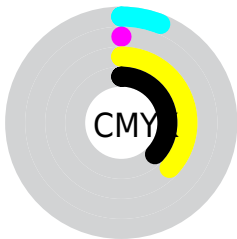
Blue (40%)



Red (40%)

Yellow (63%)

Blue (43%)

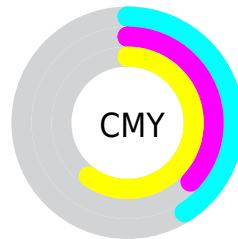


Cyan (6%)

Magenta (0%)

Yellow (37%)

Black (37%)



Cyan (41%)


Magenta (37%)


Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 32.389, 113.476 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 64, 32.389, 113.476 by changing the saturation by 10% instead.

 64, 32.389,
113.476

 64, 32.389,
113.476


 100, 32.389,
113.476


 54, 32.389,
113.476


 84, 32.389,
113.476

 44, 32.389,
113.476

 94, 32.389,
113.476

 34, 32.389,
113.476

 24, 32.389,
113.476

 14, 32.389,
113.476

 4, 32.389, 113.476

 0, 32.389, 113.476

■ 64, 32.389,
113.476

■ 64, 32.389,
113.476

■ 64, 40.716,
112.799

■ 64, 23.766,
114.200

■ 63, 48.557,
112.199

■ 65, 14.967,
114.935

■ 63, 55.642,
111.732

■ 66, 6.076, 115.666

■ 63, 61.607,
111.467

■ 66, 2.851, 296.383

■ 62, 66.054,
111.483

■ 67, 11.777,
297.069

■ 62, 68.801,
111.820

■ 68, 20.674,
297.725

■ 62, 69.554,
111.944

■ 68, 29.522,
298.346

■ 69, 38.306,
298.932

■ 70, 47.013,
299.480

Harmonies

Complementary

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



64, 32.389, 113.476



46, 35.317, 299.611

Rectangle

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



64, 32.389, 113.476



64, 32.389, 163.476



64, 32.389, 293.476



64, 32.389, 343.476

Sweetspot

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



64, 32.390, 113.479



83, 12.170, 115.347



51, 22.810, 34.661



44, 8.159, 115.255



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



64, 32.390, 113.479



81, 47.637, 112.928



62, 36.061, 132.422



33, 4.983, 115.491



56, 63.889, 111.860



4, 6.565, 117.238

Inverse Universe

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



46, 35.317, 299.611



54, 53.194, 300.612



49, 37.263, 315.692



31, 5.086, 296.860



16, 85.893, 307.022



0, 6.546, 295.849

Previews

White Background



This preview shows how the CIELCh color 64, 32.389, 113.476 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 64, 32.389, 113.476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

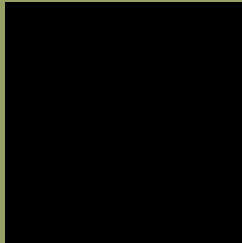
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 32.389, 113.476

Background



This preview shows how black text looks on a background with the CIELCh color 64, 32.389, 113.476.



This preview shows how white text looks on a background with the CIELCh color 64, 32.389, 113.476.

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
64, 32.389, 113.476

Protanopia
64, 31.349, 95.582

Deuteranopia
64, 29.869, 73.598



Tritanopia
64, 7.098, 309.370

Trichromacy



Original Color
64, 32.389, 113.476

Protanomaly
64, 31.289, 102.010

Deuteranomaly
64, 28.643, 88.582

Tritanomaly
64, 7.767, 109.330

Monochromacy



Original Color
64, 32.389, 113.476

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 11.745, 114.780

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 32.389, 113.476 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(151, 160, 101)` looks like.

```
.text, #text, p{  
    color:rgb(151, 160, 101)  
}
```

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(151, 160, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 160, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 32.389, 113.476 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(151, 160, 101) }
```

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

```
.border{ border-color:rgb(151, 160, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 160, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 160, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 160, 101);  
box-shadow:4px 4px 4px 4px rgb(151, 160,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 32.389, 113.476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 160, 101) }
```

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

```
.background{ background-color: rgb(151,  
160, 101) }
```

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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