

Converting Colors

CIELCh(64, 36.880, 113.761)

Have a look what the booklet for
CIELCh(64, 36.880, 113.761)
contains.

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Color

CIELCh(64, 36.605, 113.658)

Conversions

Conversions Part 1

Format	Color
Hex	96A15E
RGB	150, 161, 94
RGB Percent	59%, 63%, 37%
CMY	0.4116, 0.3684, 0.6312
CMYK	0.07, 0.00, 0.42, 0.37
HSL	70°, 26%, 50%
HSV	70°, 42%, 63%
XYZ	27.3601, 32.8017, 15.4882
YIQ	150.0730, 14.9510, -23.1690

Conversions

Conversions Part 2

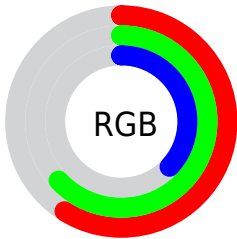
Format	Color
RYB	94, 161, 105
Decimal	9871710
CIELab	64.00, -14.69, 33.53
CIELCh	64, 36.605, 113.658
Yxy	32.8017, 0.3617, 0.4336
Android (android.graphics.Color)	4288061790 (0xFF96A15E)
YUV	150.0730, -27.6440, -0.0640
Hunter-Lab	57.2727, -14.9549, 24.0572

Details

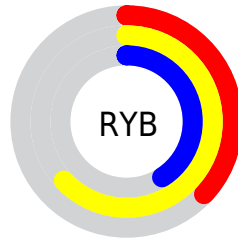
The CIELCh color **64, 36.605, 113.658** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **44, 40.442, 300.555**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 36.974, 113.814**, and **44, 36.735, 113.837** is the 20% darker color. If you saturate the color by 10%, you get **64, 44.771, 113.028**, and if you desaturate by 10%, it is **64, 28.062, 114.352**.

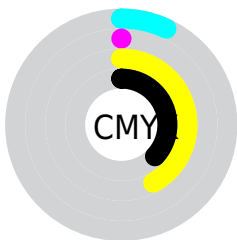
Distribution



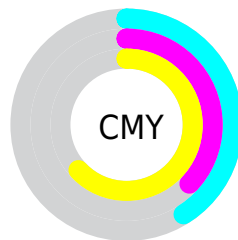
- Red (59%)
- Green (63%)
- Blue (37%)



- Red (37%)
- Yellow (63%)
- Blue (41%)



- Cyan (7%)
- Magenta (0%)
- Yellow (42%)
- Black (37%)





- Cyan (41%)
- Magenta (37%)
- Yellow (63%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 36.605, 113.658 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, 36.605, 113.658 by changing the saturation by 10% instead.

 64, 36.605,
113.658


 64, 36.605,
113.658


 100, 36.605,
113.658


 54, 36.605,
113.658


 84, 36.605,
113.658

 44, 36.605,
113.658

 94, 36.605,
113.658

 34, 36.605,
113.658

 24, 36.605,
113.658

 14, 36.605,
113.658

 4, 36.605, 113.658

 0, 36.605, 113.658

■ 64, 36.605,
113.658

■ 64, 36.605,
113.658

■ 64, 44.771,
113.028

■ 64, 28.062,
114.352

■ 63, 52.331,
112.501

■ 65, 19.290,
115.069

■ 63, 58.969,
112.143

■ 66, 10.392,
115.789

■ 63, 64.291,
112.029

■ 66, 1.433, 116.497

■ 62, 67.929,
112.239

■ 67, 7.539, 297.185

■ 62, 69.949,
112.610

■ 68, 16.493,
297.842

■ 68, 25.405,
298.465

■ 69, 34.258,
299.053

■ 70, 43.037,
299.605

Harmonies

Complementary

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



64, 36.605, 113.658



44, 40.442, 300.555

Rectangle

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



64, 36.605, 113.658



64, 36.605, 163.658



64, 36.605, 293.658



64, 36.605, 343.658

Sweetspot

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



64, 36.606, 113.660



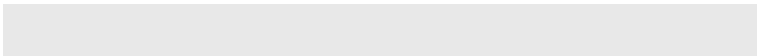
83, 13.288, 115.745



50, 26.378, 34.951



44, 8.794, 115.659



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, 36.606, 113.660



81, 53.714, 113.068



62, 40.785, 132.176



34, 5.121, 115.956



57, 64.867, 112.531



5, 8.040, 118.249

Inverse Universe

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



44, 40.442, 300.555



50, 61.100, 301.751



47, 42.327, 315.893



32, 5.227, 297.302



17, 86.910, 307.097



1, 7.999, 296.009

Previews

White Background



This preview shows how the CIELCh color 64, 36.605, 113.658 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, 36.605, 113.658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

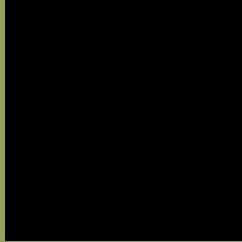
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 36.605, 113.658

Background



This preview shows how black text looks on a background with the CIELCh color 64, 36.605, 113.658.



This preview shows how white text looks on a background with the CIELCh color 64, 36.605, 113.658.

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, 36.605, 113.658

Protanopia

64, 35.077, 95.536

Deuteranopia

64, 33.450, 75.935



Tritanopia
64, 7.098, 309.370

Trichromacy



Original Color
64, 36.605, 113.658

Protanomaly
64, 34.955, 102.058

Deuteranomaly
64, 32.737, 90.334

Tritanomaly
64, 9.429, 109.149

Monochromacy



Original Color
64, 36.605, 113.658

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 13.445, 115.607

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 36.605, 113.658 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, 161, 94)` looks like.

```
.text, #text, p{  
    color:rgb(150, 161, 94)  
}
```

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, 161, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 161, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 36.605, 113.658 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, 161, 94) }
```

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

```
.border{ border-color:rgb(150, 161, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 161, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 161, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 161, 94);  
box-shadow:4px 4px 4px 4px rgb(150, 161,  
94) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 36.605, 113.658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 161, 94) }
```

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

```
.background{ background-color: rgb(150,  
161, 94) }
```

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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