

Converting Colors

CIELCh(63, 36.523, 117.051)

Have a look what the booklet for
CIELCh(63, 36.523, 117.051)
contains.

CIELCh(63, 36.523, 117.051)	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(63, 36.523, 117.051)

Conversions

Conversions Part 1

Format	Color
Hex	8F9F5D
RGB	143, 159, 93
RGB Percent	56%, 62%, 36%
CMY	0.4378, 0.3751, 0.6340
CMYK	0.10, 0.00, 0.41, 0.38
HSL	75°, 26%, 50%
HSV	75°, 41%, 62%
XYZ	25.8399, 31.5869, 15.1687
YIQ	146.6920, 11.6500, -23.9180

Conversions

Conversions Part 2

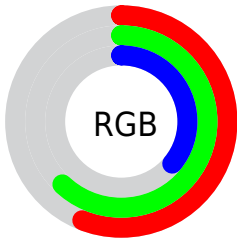
Format	Color
RYB	93, 159, 109
Decimal	9412445
CIELab	63.00, -16.61, 32.53
CIElCh	63, 36.523, 117.051
Yxy	31.5869, 0.3559, 0.4351
Android (android.graphics.Color)	4287602525 (0xFF8F9F5D)
YUV	146.6920, -26.4702, -3.2379
Hunter-Lab	56.2022, -16.2858, 23.3395

Details

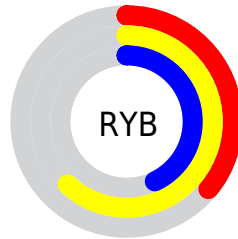
The CIELCh color **63, 36.523, 117.051** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **44, 40.046, 302.939**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 36.847, 116.958**, and **43, 36.760, 117.486** is the 20% darker color. If you saturate the color by 10%, you get **63, 44.742, 116.510**, and if you desaturate by 10%, it is **64, 27.944, 117.657**.

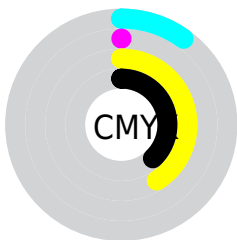
Distribution



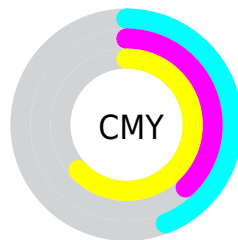
- Red (56%)
- Green (62%)
- Blue (36%)



- Red (36%)
- Yellow (62%)
- Blue (43%)



- Cyan (10%)
- Magenta (0%)
- Yellow (41%)
- Black (38%)





- Cyan (44%)
- Magenta (38%)
- Yellow (63%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 36.523, 117.051 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 63, 36.523, 117.051 by changing the saturation by 10% instead.


 63, 36.523,
117.051


 63, 36.523,
117.051


 100, 36.523,
117.051


 53, 36.523,
117.051


 83, 36.523,
117.051

 43, 36.523,
117.051

 93, 36.523,
117.051

 33, 36.523,
117.051

 23, 36.523,
117.051

 13, 36.523,
117.051

 3, 36.523, 117.051

 0, 36.523, 117.051

■ 63, 36.523,
117.051

■ 63, 36.523,
117.051

■ 63, 44.742,
116.510

■ 64, 27.944,
117.657

■ 62, 52.379,
116.080

■ 64, 19.148,
118.286

■ 62, 59.127,
115.834

■ 65, 10.236,
118.917

■ 61, 64.603,
115.865

■ 66, 1.275, 119.550

■ 61, 68.441,
116.264

■ 66, 7.688, 300.122

■ 61, 70.690,
116.836

■ 67, 16.621,
300.687

■ 68, 25.500,
301.219

■ 69, 34.305,
301.715

■ 70, 43.025,
302.178

Harmonies

Complementary

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



63, 36.523, 117.051



44, 40.046, 302.939

Rectangle

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



63, 36.523, 117.051



63, 36.523, 167.051



63, 36.523, 297.051



63, 36.523, 347.051

Sweetspot

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



63, 36.524, 117.053



82, 13.272, 118.868



51, 24.725, 42.637



44, 8.872, 118.792



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



63, 36.524, 117.053



79, 53.770, 116.535



61, 41.295, 134.685



33, 5.031, 119.055



55, 65.196, 116.719



4, 6.637, 120.937

Inverse Universe

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



44, 40.046, 302.939



51, 60.568, 303.931



47, 42.366, 318.509



31, 5.129, 300.211



17, 84.906, 307.820



1, 6.600, 299.140

Previews

White Background



This preview shows how the CIELCh color 63, 36.523, 117.051 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 63, 36.523, 117.051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

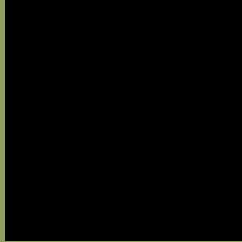
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 36.523, 117.051

Background



This preview shows how black text looks on a background with the CIELCh color 63, 36.523, 117.051.



This preview shows how white text looks on a background with the CIELCh color 63, 36.523, 117.051.

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
63, 36.523, 117.051

Protanopia
63, 34.147, 95.261

Deuteranopia
63, 32.156, 74.637



Tritanopia
63, 6.739, 294.088

Trichromacy



Original Color
63, 36.523, 117.051

Protanomaly
63, 34.417, 104.186

Deuteranomaly
63, 31.027, 91.219

Tritanomaly
63, 9.141, 121.709

Monochromacy



Original Color
63, 36.523, 117.051

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 13.553, 117.276

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 36.523, 117.051 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(143, 159, 93)` looks like.

```
.text, #text, p{  
    color:rgb(143, 159, 93)  
}
```

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(143, 159, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 159, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 36.523, 117.051 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(143, 159, 93) }
```

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

```
.border{ border-color:rgb(143, 159, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 159, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 159, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 159, 93);  
box-shadow:4px 4px 4px 4px rgb(143, 159,  
93) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 36.523, 117.051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 159, 93) }
```

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

```
.background{ background-color: rgb(143,  
159, 93) }
```

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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