

Converting Colors

CIELCh(63, 39.364, 114.772)

Have a look what the booklet for
CIELCh(63, 39.364, 114.772)
contains.

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Color

CIELCh(63, 39.397, 114.757)

Conversions

Conversions Part 1

Format	Color
Hex	919F57
RGB	145, 159, 87
RGB Percent	57%, 62%, 34%
CMY	0.4306, 0.3757, 0.6581
CMYK	0.09, 0.00, 0.45, 0.38
HSL	72°, 29%, 48%
HSV	72°, 45%, 62%
XYZ	25.8666, 31.5869, 13.7870
YIQ	146.6060, 14.7680, -25.3600

Conversions

Conversions Part 2

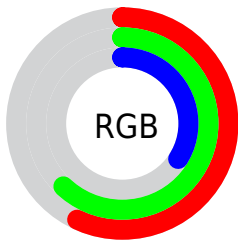
Format	Color
RYB	87, 159, 101
Decimal	9543511
CIELab	63.00, -16.50, 35.78
CIElCh	63, 39.397, 114.757
Yxy	31.5869, 0.3631, 0.4434
Android (android.graphics.Color)	4287733591 (0xFF919F57)
YUV	146.6060, -29.3858, -1.4085
Hunter-Lab	56.2022, -16.2008, 24.7971

Details

The CIELCh color $63, 39.397, 114.757$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $41, 43.879, 301.895$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 39.684, 114.890$, and $43, 39.430, 114.954$ is the 20% darker color. If you saturate the color by 10%, you get $63, 47.342, 114.198$, and if you desaturate by 10%, it is $63, 31.012, 115.397$.

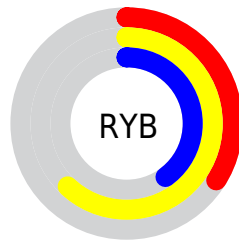
Distribution



Red (57%)

Green (62%)

Blue (34%)



Red (34%)

Yellow (62%)

Blue (40%)

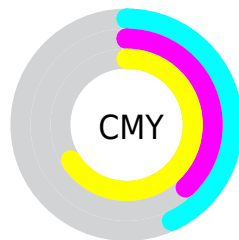


Cyan (9%)

Magenta (0%)

Yellow (45%)

Black (38%)



Cyan (43%)


Magenta (38%)


Yellow (66%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 39.397, 114.757 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, 39.397, 114.757 by changing the saturation by 10% instead.


 63, 39.397,
114.757


 63, 39.397,
114.757


 100, 39.397,
114.757


 53, 39.397,
114.757


 83, 39.397,
114.757

 43, 39.397,
114.757

 93, 39.397,
114.757

 33, 39.397,
114.757

 23, 39.397,
114.757

 13, 39.397,
114.757

 3, 39.397, 114.757

 0, 39.397, 114.757

■ 63, 39.397,
114.757

■ 63, 39.397,
114.757

■ 63, 47.342,
114.198

■ 63, 31.012,
115.397

■ 62, 54.590,
113.767

■ 64, 22.357,
116.071

■ 62, 60.800,
113.540

■ 65, 13.547,
116.756

■ 62, 65.575,
113.604

■ 65, 4.660, 117.434

■ 61, 68.629,
114.028

■ 66, 4.252, 298.088

■ 61, 69.802,
114.279

■ 67, 13.152,
298.719

■ 67, 22.014,
299.317

■ 68, 30.818,
299.881

■ 69, 39.550,
300.410

Harmonies

Complementary

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



63, 39.397, 114.757



41, 43.879, 301.895

Rectangle

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



63, 39.397, 114.757



63, 39.397, 164.757



63, 39.397, 294.757



63, 39.397, 344.757

Sweetspot

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



63, 39.398, 114.759



82, 15.390, 116.822



49, 28.186, 38.093



43, 10.705, 116.683



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, 39.398, 114.759



79, 57.240, 114.209



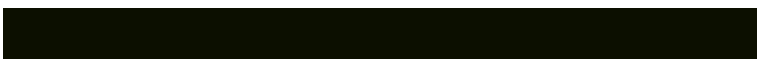
61, 44.236, 133.008



33, 5.003, 117.164



55, 64.440, 114.181



4, 6.596, 119.008

Inverse Universe

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



41, 43.879, 301.895



48, 65.743, 303.087



45, 45.815, 317.086



31, 5.104, 298.429



17, 85.472, 307.352



0, 6.569, 297.391

Previews

White Background



This preview shows how the CIELCh color 63, 39.397, 114.757 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, 39.397, 114.757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

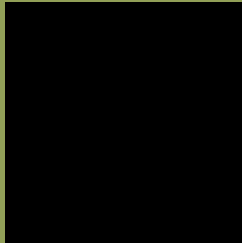
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 39.397, 114.757

Background



This preview shows how black text looks on a background with the CIELCh color 63, 39.397, 114.757.



This preview shows how white text looks on a background with the CIELCh color 63, 39.397, 114.757.

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, 39.397, 114.757

Protanopia
63, 37.229, 95.759

Deuteranopia
63, 35.750, 76.637



Tritanopia
63, 6.280, 301.175

Trichromacy



Original Color
63, 39.397, 114.757

Protanomaly
63, 37.537, 103.332

Deuteranomaly
63, 34.896, 90.896

Tritanomaly
63, 10.643, 115.485

Monochromacy



Original Color
63, 39.397, 114.757

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 14.651, 116.538

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 39.397, 114.757 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(145, 159, 87)` looks like.

```
.text, #text, p{  
    color:rgb(145, 159, 87)  
}
```

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(145, 159, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 159, 87) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 39.397, 114.757 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(145, 159, 87) }
```

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

```
.border{ border-color:rgb(145, 159, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 159, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 159, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 159, 87);  
box-shadow:4px 4px 4px 4px rgb(145, 159,  
87) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 39.397, 114.757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 159, 87) }
```

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

```
.background{ background-color: rgb(145,  
159, 87) }
```

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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