

Converting Colors

CIELCh(63, 37.619, 96.528)

Have a look what the booklet for
CIELCh(63, 37.619, 96.528) contains.

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Color

CIELCh(63, 37.619, 96.528)

Conversions

Conversions Part 1

Format	Color
Hex	A79955
RGB	167, 153, 85
RGB Percent	65%, 60%, 33%
CMY	0.3457, 0.4006, 0.6672
CMYK	0.00, 0.08, 0.49, 0.35
HSL	50°, 33%, 49%
HSV	50°, 49%, 65%
XYZ	28.9053, 31.5869, 13.1389
YIQ	149.4340, 30.1720, -18.1800

Conversions

Conversions Part 2

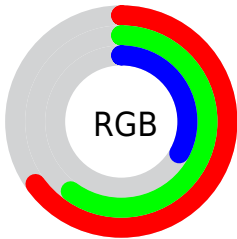
Format	Color
RYB	102, 167, 85
Decimal	10983765
CIELab	63.00, -4.28, 37.38
CIELCh	63, 37.619, 96.528
Yxy	31.5869, 0.3926, 0.4290
Android (android.graphics.Color)	4289173845 (0xFFA79955)
YUV	149.4340, -31.7660, 15.4054
Hunter-Lab	56.2022, -6.5497, 25.4808

Details

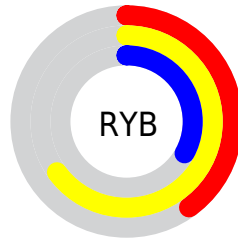
The CIELCh color **63, 37.619, 96.528** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **44, 40.774, 289.926**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 37.633, 96.186**, and **43, 37.375, 96.359** is the 20% darker color. If you saturate the color by 10%, you get **62, 44.782, 95.361**, and if you desaturate by 10%, it is **64, 30.119, 97.700**.

Distribution



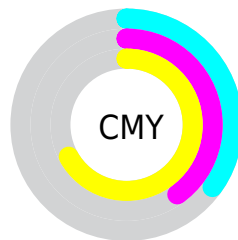
- Red (65%)
- Green (60%)
- Blue (33%)



- Red (40%)
- Yellow (65%)
- Blue (33%)



- Cyan (0%)
- Magenta (8%)
- Yellow (49%)
- Black (35%)



- Cyan (35%)
- Magenta (40%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 37.619, 96.528 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, 37.619, 96.528 by changing the saturation by 10% instead.

■ 63, 37.619, 96.528

■ 63, 37.619, 96.528

■ 100, 37.619,
96.528

■ 53, 37.619, 96.528

■ 83, 37.619, 96.528

■ 43, 37.619, 96.528

■ 93, 37.619, 96.528

■ 33, 37.619, 96.528

■ 23, 37.619, 96.528

■ 13, 37.619, 96.528

■ 3, 37.619, 96.528

■ 0, 37.619, 96.528

■ 63, 37.619, 96.528

■ 63, 37.619, 96.528

■ 62, 44.782, 95.361

■ 64, 30.119, 97.700

61, 51.319, 94.194

65, 22.455, 98.858

60, 56.808, 93.025

66, 14.733, 99.997

59, 60.718, 91.832

67, 7.013, 101.104

59, 62.943, 90.592

69, 0.669, 282.389

58, 63.128, 90.487

70, 8.296, 283.264

71, 15.858,
284.259

72, 23.349,
285.215

74, 30.767,
286.125

Harmonies

Complementary

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



63, 37.619, 96.528



44, 40.774, 289.926

Rectangle

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



63, 37.619, 96.528



63, 37.619, 146.528



63, 37.619, 276.528



63, 37.619, 326.528

Sweetspot

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



63, 37.620, 96.531



84, 14.276, 100.430



46, 35.909, 11.110



45, 9.823, 100.203



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



63, 37.620, 96.531



79, 55.202, 95.252



65, 45.131, 119.761



35, 4.375, 101.087



52, 57.830, 90.626



5, 7.527, 98.811

Inverse Universe

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



44, 40.774, 289.926



50, 61.771, 292.549



42, 50.048, 305.939



33, 4.433, 283.193



19, 79.214, 302.914



1, 8.199, 283.419

Previews

White Background



This preview shows how the CIELCh color 63, 37.619, 96.528 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, 37.619, 96.528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

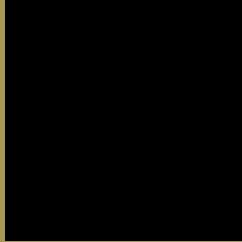
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 37.619, 96.528

Background



This preview shows how black text looks on a background with the CIELCh color 63, 37.619, 96.528.



This preview shows how white text looks on a background with the CIELCh color 63, 37.619, 96.528.

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, 37.619, 96.528

Protanopia

63, 37.704, 95.860

Deuteranopia

63, 37.427, 77.005



Tritanopia
63, 12.849, 352.254

Trichromacy



Original Color
63, 37.619, 96.528

Protanomaly
63, 37.704, 95.860

Deuteranomaly
63, 37.075, 84.299

Tritanomaly
63, 13.888, 65.878

Monochromacy



Original Color
63, 37.619, 96.528

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 13.538, 99.953

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 37.619, 96.528 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(167, 153, 85)` looks like.

```
.text, #text, p{  
    color:rgb(167, 153, 85)  
}
```

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(167, 153, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 153, 85) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 37.619, 96.528 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(167, 153, 85) }
```

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

```
.border{ border-color:rgb(167, 153, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 153, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 153, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 153, 85);  
box-shadow:4px 4px 4px 4px rgb(167, 153,  
85) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 37.619, 96.528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 153, 85) }
```

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

```
.background{ background-color: rgb(167,  
153, 85) }
```

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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