

Converting Colors

CIELCh(62, 39.404, 100.586)

Have a look what the booklet for
CIELCh(62, 39.404, 100.586)
contains.

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Color

CIELCh(62, 39.296, 100.578)

Conversions

Conversions Part 1

Format	Color
Hex	A09850
RGB	160, 152, 80
RGB Percent	63%, 60%, 31%
CMY	0.3735, 0.4048, 0.6872
CMYK	0.00, 0.05, 0.50, 0.37
HSL	54°, 33%, 47%
HSV	54°, 50%, 63%
XYZ	27.0763, 30.4025, 11.9869
YIQ	146.1840, 27.8800, -20.6960

Conversions

Conversions Part 2

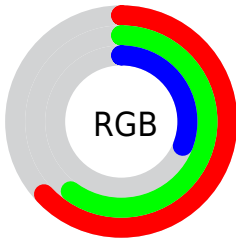
Format	Color
RYB	89, 160, 80
Decimal	10524752
CIELab	62.00, -7.21, 38.63
CIELCh	62, 39.296, 100.578
Yxy	30.4025, 0.3898, 0.4377
Android (android.graphics.Color)	4288714832 (0xFFA09850)
YUV	146.1840, -32.6287, 12.1166
Hunter-Lab	55.1385, -8.8382, 25.7075

Details

The CIELCh color **62, 39.296, 100.578** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **40, 43.789, 293.408**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 39.208, 100.654**, and **42, 39.325, 100.686** is the 20% darker color. If you saturate the color by 10%, you get **61, 46.411, 99.565**, and if you desaturate by 10%, it is **63, 31.740, 101.626**.

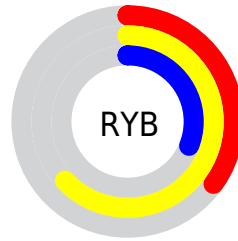
Distribution



Red (63%)

Green (60%)

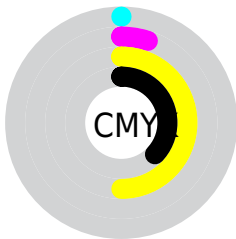
Blue (31%)



Red (35%)

Yellow (63%)

Blue (31%)

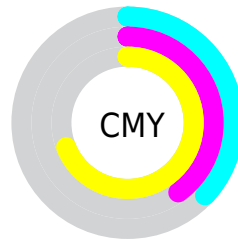


Cyan (0%)

Magenta (5%)

Yellow (50%)

Black (37%)



Cyan (37%)


Magenta (40%)


Yellow (69%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 39.296, 100.578 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 62, 39.296, 100.578 by changing the saturation by 10% instead.


 62, 39.296,
100.578


 62, 39.296,
100.578


 100, 39.296,
100.578


 52, 39.296,
100.578


 82, 39.296,
100.578

 42, 39.296,
100.578

 92, 39.296,
100.578

 32, 39.296,
100.578

 22, 39.296,
100.578

 12, 39.296,
100.578

 2, 39.296, 100.578

 0, 39.296, 100.578

■ 62, 39.296,
100.578

■ 62, 39.296,
100.578

■ 61, 46.411, 99.565

■ 63, 31.740,
101.626

■ 61, 52.784, 98.597

■ 63, 23.936,
102.684

■ 60, 58.004, 97.692

■ 60, 61.608, 96.860

■ 64, 16.006,
103.739

■ 59, 63.723, 96.088

■ 65, 8.026, 104.776

■ 66, 0.041, 103.624

■ 67, 7.921, 286.807

■ 68, 15.843,
287.754

■ 69, 23.714,
288.665

■ 70, 31.528,
289.535

Harmonies

Complementary

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



62, 39.296, 100.578



40, 43.789, 293.408

Rectangle

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



62, 39.296, 100.578



62, 39.296, 150.578



62, 39.296, 280.578



62, 39.296, 330.578

Sweetspot

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



62, 39.297, 100.581



81, 14.756, 104.238



44, 35.568, 17.598



43, 10.147, 104.031



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



62, 39.297, 100.581



78, 57.031, 99.460



62, 45.156, 123.072



33, 4.472, 104.860



53, 58.736, 96.159



4, 5.739, 104.788

Inverse Universe

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



40, 43.789, 293.408



45, 66.073, 295.926



41, 49.463, 308.499



31, 4.548, 286.822



17, 81.826, 304.608



1, 5.899, 286.061

Previews

White Background



This preview shows how the CIELCh color 62, 39.296, 100.578 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 62, 39.296, 100.578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

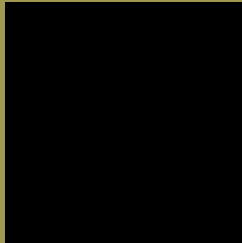
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 39.296, 100.578

Background



This preview shows how black text looks on a background with the CIELCh color 62, 39.296, 100.578.



This preview shows how white text looks on a background with the CIELCh color 62, 39.296, 100.578.

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
62, 39.296, 100.578

Protanopia
62, 39.320, 95.948

Deuteranopia
62, 38.716, 78.379



Tritanopia
62, 11.497, 344.829

Trichromacy



Original Color
62, 39.296, 100.578

Protanomaly
62, 39.557, 97.961

Deuteranomaly
62, 38.282, 86.089

Tritanomaly
62, 12.554, 72.744

Monochromacy



Original Color
62, 39.296, 100.578

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 14.582, 103.656

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 39.296, 100.578 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(160, 152, 80)` looks like.

```
.text, #text, p{  
    color:rgb(160, 152, 80)  
}
```

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(160, 152, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 152, 80) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 39.296, 100.578 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(160, 152, 80) }
```

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

```
.border{ border-color:rgb(160, 152, 80) }
```

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

Here you see how a box with a 4 pixel rgb(160, 152, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 152, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 152, 80);  
box-shadow:4px 4px 4px 4px rgb(160, 152,  
80) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 39.296, 100.578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 152, 80) }
```

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

```
.background{ background-color: rgb(160,  
152, 80) }
```

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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