

Converting Colors

CIELCh(62, 54.495, 98.781)

Have a look what the booklet for
CIELCh(62, 54.495, 98.781) contains.

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Color

CIELCh(62, 54.495, 98.781)

Conversions

Conversions Part 1

Format	Color
Hex	A3982F
RGB	163, 152, 47
RGB Percent	64%, 60%, 18%
CMY	0.3612, 0.4043, 0.8161
CMYK	0.00, 0.07, 0.71, 0.36
HSL	54°, 55%, 41%
HSV	54°, 71%, 64%
XYZ	26.8043, 30.4025, 7.1335
YIQ	143.3190, 40.2610, -30.3230

Conversions

Conversions Part 2

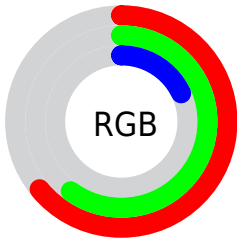
Format	Color
RYB	59, 163, 47
Decimal	10721327
CIELab	62.00, -8.32, 53.86
CIELCh	62, 54.495, 98.781
Yxy	30.4025, 0.4166, 0.4725
Android (android.graphics.Color)	4288911407 (0xFFA3982F)
YUV	143.3190, -47.4853, 17.2602
Hunter-Lab	55.1385, -9.7188, 30.9263

Details

The CIELCh color **62, 54.495, 98.781** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **30, 66.116, 298.655**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 54.398, 98.596**, and **42, 49.235, 98.774** is the 20% darker color. If you saturate the color by 10%, you get **61, 59.619, 97.906**, and if you desaturate by 10%, it is **63, 48.131, 99.732**.

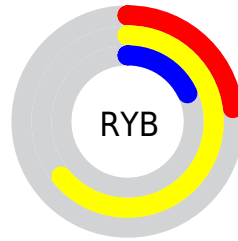
Distribution



Red (64%)

Green (60%)

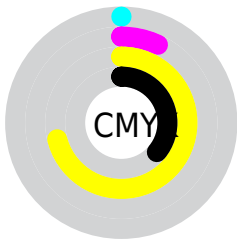
Blue (18%)



Red (23%)

Yellow (64%)

Blue (18%)

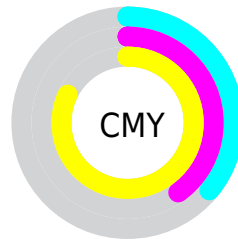


Cyan (0%)

Magenta (7%)

Yellow (71%)

Black (36%)



Cyan (36%)

Magenta (40%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 54.495, 98.781 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, 54.495, 98.781 by changing the saturation by 10% instead.

■ 62, 54.495, 98.781

■ 62, 54.495, 98.781

■ 100, 54.495,
98.781

■ 52, 54.495, 98.781

■ 82, 54.495, 98.781

■ 42, 54.495, 98.781

■ 92, 54.495, 98.781

■ 32, 54.495, 98.781

■ 22, 54.495, 98.781

■ 12, 54.495, 98.781

■ 2, 54.495, 98.781

■ 0, 54.495, 98.781

■ 62, 54.495, 98.781

■ 62, 54.495, 98.781

■ 61, 59.619, 97.906

■ 63, 48.131, 99.732

61, 63.042, 97.108

63, 40.960,
100.733

61, 64.849, 96.455

64, 33.299,
101.769

65, 25.361,
102.820

65, 17.279,
103.871

66, 9.134, 104.908

67, 0.978, 105.847

68, 7.160, 286.941

69, 15.260,
287.889

Harmonies

Complementary

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



62, 54.495, 98.781



30, 66.116, 298.655

Rectangle

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



62, 54.495, 98.781



62, 54.495, 148.781



62, 54.495, 278.781



62, 54.495, 328.781

Sweetspot

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



62, 54.495, 98.784



83, 21.172, 103.852



38, 52.425, 23.528



44, 14.438, 103.578



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



62, 54.495, 98.784



78, 74.959, 97.468



62, 62.262, 122.583



34, 4.615, 105.106



54, 59.688, 96.521



5, 6.994, 104.680

Inverse Universe

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



30, 66.116, 298.655



32, 98.502, 302.417



32, 71.526, 309.800



32, 4.696, 287.070



17, 83.263, 304.736



1, 7.274, 286.483

Previews

White Background



This preview shows how the CIELCh color 62, 54.495, 98.781 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, 54.495, 98.781 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, 54.495, 98.781

Background



This preview shows how black text looks on a background with the CIELCh color 62, 54.495, 98.781.



This preview shows how white text looks on a background with the CIELCh color 62, 54.495, 98.781.

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, 54.495, 98.781

Protanopia

62, 54.544, 95.328

Deuteranopia

62, 53.758, 81.467



Tritanopia
62, 13.244, 353.154

Trichromacy



Original Color
62, 54.495, 98.781

Protanomaly
62, 54.718, 96.819

Deuteranomaly
62, 53.383, 88.143

Tritanomaly
62, 20.495, 79.531

Monochromacy



Original Color
62, 54.495, 98.781

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 21.285, 103.152

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 54.495, 98.781 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(163, 152, 47)` looks like.

```
.text, #text, p{  
    color:rgb(163, 152, 47)  
}
```

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(163, 152, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 152, 47) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 54.495, 98.781 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(163, 152, 47) }
```

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

```
.border{ border-color:rgb(163, 152, 47) }
```

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

Here you see how a box with a 4 pixel rgb(163, 152, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 152, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 152, 47);  
box-shadow:4px 4px 4px 4px rgb(163, 152,  
47) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 54.495, 98.781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 152, 47) }
```

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

```
.background{ background-color: rgb(163,  
152, 47) }
```

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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