

Converting Colors

CIELCh(64, 56.237, 95.172)

Have a look what the booklet for
CIELCh(64, 56.237, 95.172) contains.

| | |
|--|----|
| CIELCh(64, 56.225, 95.130) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 20 |
| <i>Color Blindness Simulation</i> | 23 |
| <i>CSS Examples</i> | 26 |

Color

CIELCh(64, 56.225, 95.130)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | AE9B2F |
| RGB | 174, 155, 47 |
| RGB Percent | 68%, 61%, 18% |
| CMY | 0.3162, 0.3908, 0.8143 |
| CMYK | 0.00, 0.11, 0.73, 0.32 |
| HSL | 51°, 57%, 43% |
| HSV | 51°, 73%, 68% |
| XYZ | 29.8332, 32.8017, 7.4855 |
| YIQ | 148.3690, 45.9920, -29.5600 |

Conversions

Conversions Part 2

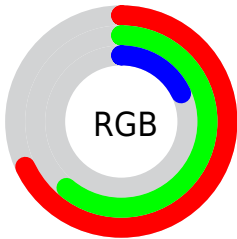
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 69, 174, 47 |
| Decimal | 11442991 |
| CIELab | 64.00, -5.03, 56.00 |
| CIElCh | 64, 56.225, 95.130 |
| Yxy | 32.8017, 0.4255, 0.4678 |
| Android (android.graphics.Color) | 4289633071 (0xFFAE9B2F) |
| YUV | 148.3690, -49.9749, 22.4784 |
| Hunter-Lab | 57.2727, -7.2473, 32.3418 |

Details

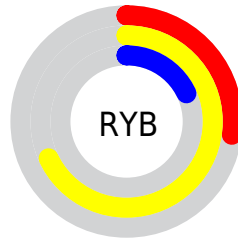
The CIELCh color **64, 56.225, 95.130** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **33, 67.068, 296.975**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 56.252, 95.242**, and **44, 50.653, 94.924** is the 20% darker color. If you saturate the color by 10%, you get **63, 61.315, 94.040**, and if you desaturate by 10%, it is **65, 49.797, 96.241**.

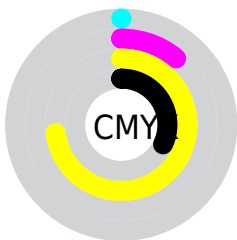
Distribution



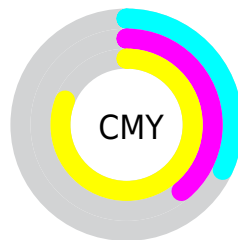
- Red (68%)
- Green (61%)
- Blue (18%)



- Red (27%)
- Yellow (68%)
- Blue (18%)



- Cyan (0%)
- Magenta (11%)
- Yellow (73%)
- Black (32%)



- Cyan (32%)
- Magenta (39%)
- Yellow (81%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 56.225, 95.130 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 64, 56.225, 95.130 by changing the saturation by 10% instead.

 64, 56.225, 95.130

 64, 56.225, 95.130

 100, 56.225,
95.130

 54, 56.225, 95.130

 84, 56.225, 95.130

 44, 56.225, 95.130

 94, 56.225, 95.130

 34, 56.225, 95.130

 24, 56.225, 95.130

 14, 56.225, 95.130

 4, 56.225, 95.130

 0, 56.225, 95.130

 64, 56.225, 95.130

 64, 56.225, 95.130

 63, 61.315, 94.040

 65, 49.797, 96.241

62, 64.536, 92.943

66, 42.526, 97.366

62, 65.931, 92.150

67, 34.769, 98.503

68, 26.754, 99.639

69, 18.621,
100.765

70, 10.454,
101.868

71, 2.301, 102.908

72, 5.810, 284.025

73, 13.863,
285.019

Harmonies

Complementary

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



64, 56.225, 95.130



33, 67.068, 296.975

Rectangle

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



64, 56.225, 95.130



64, 56.225, 145.130



64, 56.225, 275.130



64, 56.225, 325.130

Sweetspot

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



64, 56.225, 95.133



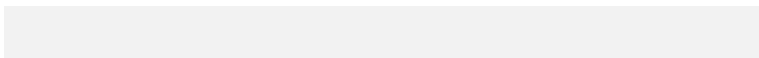
87, 22.222, 100.816



40, 55.586, 20.507



46, 15.053, 100.520



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



64, 56.225, 95.133



80, 77.206, 93.419



66, 66.001, 120.558



36, 4.583, 102.250



54, 59.205, 92.291



6, 9.101, 99.866

Inverse Universe

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



33, 67.068, 296.975



36, 100.576, 301.223



33, 77.416, 308.686



34, 4.650, 284.327



19, 81.916, 303.536



1, 9.994, 284.705

Previews

White Background



This preview shows how the CIELCh color 64, 56.225, 95.130 looks on a white background.

Color Contrast Check

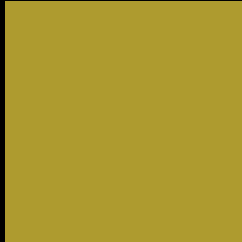
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 64, 56.225, 95.130 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 64, 56.225, 95.130

Background



This preview shows how black text looks on a background with the CIELCh color 64, 56.225, 95.130.



This preview shows how white text looks on a background with the CIELCh color 64, 56.225, 95.130.

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

64, 56.225, 95.130

Protanopia

64, 56.539, 95.647

Deuteranopia

64, 56.055, 81.454



Tritanopia
64, 16.071, 358.790

Trichromacy



Original Color
64, 56.225, 95.130

Protanomaly
64, 56.539, 95.647

Deuteranomaly
64, 55.725, 86.345

Tritanomaly
64, 22.819, 72.637

Monochromacy



Original Color
64, 56.225, 95.130

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 21.848, 99.950

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 56.225, 95.130 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(174, 155, 47)` looks like.

```
.text, #text, p{  
    color:rgb(174, 155, 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(174, 155, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 155, 47) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 56.225, 95.130 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(174, 155, 47) }
```

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

```
.border{ border-color:rgb(174, 155, 47) }
```

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

Here you see how a box with a 4 pixel rgb(174, 155, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 155, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 155, 47);  
box-shadow:4px 4px 4px 4px rgb(174, 155,  
47) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 56.225, 95.130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 155, 47) }
```

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

```
.background{ background-color: rgb(174,  
155, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor