

Converting Colors

CIELCh(64, 55.952, 95.550)

Have a look what the booklet for
CIELCh(64, 55.952, 95.550) contains.

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Color

CIELCh(64, 56.157, 95.635)

Conversions

Conversions Part 1

Format	Color
Hex	AE9C30
RGB	174, 156, 48
RGB Percent	68%, 61%, 19%
CMY	0.3194, 0.3898, 0.8134
CMYK	0.00, 0.10, 0.73, 0.32
HSL	51°, 57%, 43%
HSV	51°, 73%, 68%
XYZ	29.7052, 32.8017, 7.5168
YIQ	149.0700, 45.3960, -29.7720

Conversions

Conversions Part 2

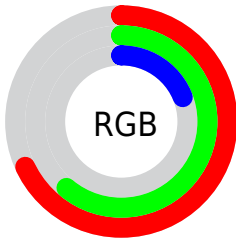
Format	Color
RYB	69, 174, 48
Decimal	11443248
CIELab	64.00, -5.51, 55.89
CIElCh	64, 56.157, 95.635
Yxy	32.8017, 0.4242, 0.4684
Android (android.graphics.Color)	4289633328 (0xFFAE9C30)
YUV	149.0700, -49.8275, 21.8636
Hunter-Lab	57.2727, -7.6463, 32.3094

Details

The CIELCh color **64, 56.157, 95.635** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **33, 67.160, 297.204**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 56.141, 95.698**, and **44, 50.913, 95.546** is the 20% darker color. If you saturate the color by 10%, you get **63, 61.270, 94.575**, and if you desaturate by 10%, it is **65, 49.716, 96.724**.

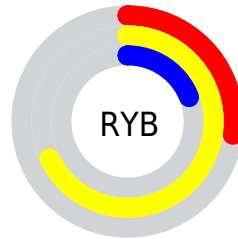
Distribution



Red (68%)

Green (61%)

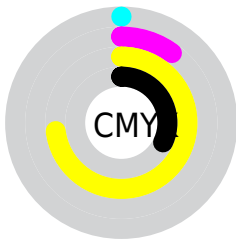
Blue (19%)



Red (27%)

Yellow (68%)

Blue (19%)

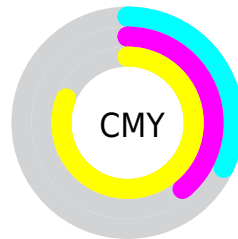


Cyan (0%)

Magenta (10%)

Yellow (73%)

Black (32%)



Cyan (32%)

Magenta (39%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 56.157, 95.635 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, 56.157, 95.635 by changing the saturation by 10% instead.

■ 64, 56.157, 95.635

■ 64, 56.157, 95.635

■ 100, 56.157,
95.635

■ 54, 56.157, 95.635

■ 84, 56.157, 95.635

■ 44, 56.157, 95.635

■ 94, 56.157, 95.635

■ 34, 56.157, 95.635

■ 24, 56.157, 95.635

■ 14, 56.157, 95.635

■ 4, 56.157, 95.635

■ 0, 56.157, 95.635

■ 64, 56.157, 95.635

■ 64, 56.157, 95.635

■ 63, 61.270, 94.575

■ 65, 49.716, 96.724

63, 64.530, 93.520

66, 42.433, 97.833

62, 65.979, 92.736

67, 34.661, 98.956

68, 26.629,
100.082

69, 18.475,
101.198

70, 10.283,
102.292

71, 2.101, 103.321

72, 6.043, 284.432

73, 14.131,
285.421

Harmonies

Complementary

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



64, 56.157, 95.635



33, 67.160, 297.204

Rectangle

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



64, 56.157, 95.635



64, 56.157, 145.635



64, 56.157, 275.635



64, 56.157, 325.635

Sweetspot

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



64, 56.157, 95.638



86, 22.178, 101.221



40, 55.198, 20.402



45, 14.883, 100.932



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



64, 56.157, 95.638



79, 76.867, 93.952



66, 65.590, 120.556



36, 4.618, 102.643



54, 59.446, 92.865



6, 9.195, 100.438

Inverse Universe

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



33, 67.160, 297.204



35, 100.464, 301.457



33, 76.877, 308.669



34, 4.687, 284.707



19, 82.446, 303.725



1, 10.057, 285.003

Previews

White Background



This preview shows how the CIELCh color 64, 56.157, 95.635 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, 56.157, 95.635 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, 56.157, 95.635

Background



This preview shows how black text looks on a background with the CIELCh color 64, 56.157, 95.635.



This preview shows how white text looks on a background with the CIELCh color 64, 56.157, 95.635.

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, 56.157, 95.635

Protanopia

64, 55.841, 95.115

Deuteranopia

64, 55.664, 81.345



Tritanopia
64, 15.897, 356.316

Trichromacy



Original Color
64, 56.157, 95.635

Protanomaly
64, 55.841, 95.115

Deuteranomaly
64, 55.334, 86.270

Tritanomaly
64, 22.089, 72.807

Monochromacy



Original Color
64, 56.157, 95.635

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, 56.157, 95.635 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, 156, 48)` looks like.

```
.text, #text, p{  
    color:rgb(174, 156, 48)  
}
```

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, 156, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 156, 48) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 56.157, 95.635 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, 156, 48) }
```

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

```
.border{ border-color:rgb(174, 156, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 156, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 156, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 156, 48);  
box-shadow:4px 4px 4px 4px rgb(174, 156,  
48) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 56.157, 95.635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 156, 48) }
```

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

```
.background{ background-color: rgb(174,  
156, 48) }
```

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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