

Converting Colors

CIELCh(63, 42.337, 95.693)

Have a look what the booklet for
CIELCh(63, 42.337, 95.693) contains.

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Color

CIELCh(63, 42.285, 95.745)

Conversions

Conversions Part 1

Format	Color
Hex	A9994C
RGB	169, 153, 76
RGB Percent	66%, 60%, 30%
CMY	0.3386, 0.4013, 0.7032
CMYK	0.00, 0.09, 0.55, 0.34
HSL	50°, 38%, 48%
HSV	50°, 55%, 66%
XYZ	28.9167, 31.5869, 11.3531
YIQ	149.0060, 34.2530, -20.5550

Conversions

Conversions Part 2

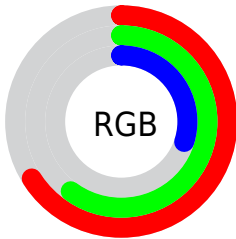
Format	Color
RYB	95, 169, 76
Decimal	11114828
CIELab	63.00, -4.23, 42.07
CIELCh	63, 42.285, 95.745
Yxy	31.5869, 0.4024, 0.4396
Android (android.graphics.Color)	4289304908 (0xFFA9994C)
YUV	149.0060, -35.9920, 17.5347
Hunter-Lab	56.2022, -6.5136, 27.3648

Details

The CIELCh color $63, 42.285, 95.745$ is a dark color, and the websafe version is hex 999933 . A complement of this color would be $41, 46.567, 291.269$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 42.254, 95.710$, and $43, 42.275, 95.860$ is the 20% darker color. If you saturate the color by 10%, you get $62, 49.171, 94.576$, and if you desaturate by 10%, it is $64, 34.902, 96.922$.

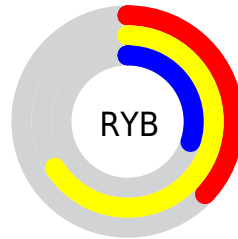
Distribution



Red (66%)

Green (60%)

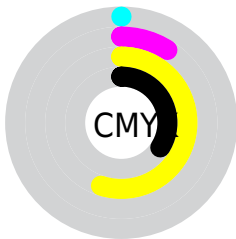
Blue (30%)



Red (37%)

Yellow (66%)

Blue (30%)

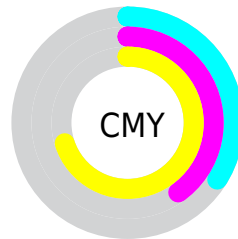


Cyan (0%)

Magenta (9%)

Yellow (55%)

Black (34%)



Cyan (34%)

Magenta (40%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 42.285, 95.745 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, 42.285, 95.745 by changing the saturation by 10% instead.

63, 42.285, 95.745

63, 42.285, 95.745

100, 42.285,
95.745

53, 42.285, 95.745

83, 42.285, 95.745

43, 42.285, 95.745

93, 42.285, 95.745

33, 42.285, 95.745

23, 42.285, 95.745

13, 42.285, 95.745

3, 42.285, 95.745

0, 42.285, 95.745

63, 42.285, 95.745

63, 42.285, 95.745

62, 49.171, 94.576

64, 34.902, 96.922

61, 55.187, 93.404

65, 27.260, 98.090

60, 59.827, 92.218

66, 19.503, 99.244

59, 62.588, 90.982

67, 11.717,
100.375

59, 63.585, 90.374

68, 3.951, 101.459

70, 3.768, 282.594

71, 11.425,
283.602

72, 19.014,
284.584

74, 26.530,
285.523

Harmonies

Complementary

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



63, 42.285, 95.745



41, 46.567, 291.269

Rectangle

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



63, 42.285, 95.745



63, 42.285, 145.745



63, 42.285, 275.745



63, 42.285, 325.745

Sweetspot

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



63, 42.286, 95.748



85, 16.322, 100.130



45, 40.827, 12.487



45, 10.905, 99.917



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, 42.286, 95.748



79, 61.426, 94.333



65, 50.576, 119.508



35, 4.369, 101.017



52, 57.794, 90.526



5, 7.515, 98.716

Inverse Universe

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



41, 46.567, 291.269



46, 70.527, 294.386



40, 56.991, 306.465



33, 4.427, 283.126



19, 79.117, 302.877



1, 8.190, 283.363

Previews

White Background



This preview shows how the CIELCh color 63, 42.285, 95.745 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, 42.285, 95.745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

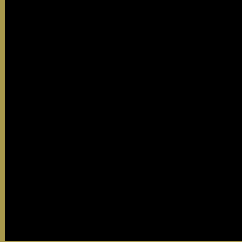
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 42.285, 95.745

Background



This preview shows how black text looks on a background with the CIELCh color 63, 42.285, 95.745.



This preview shows how white text looks on a background with the CIELCh color 63, 42.285, 95.745.

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, 42.285, 95.745

Protanopia

63, 42.285, 95.745

Deuteranopia

63, 41.931, 78.871



Tritanopia
63, 13.917, 354.752

Trichromacy



Original Color
63, 42.285, 95.745

Protanomaly
63, 42.285, 95.745

Deuteranomaly
63, 41.657, 85.401

Tritanomaly
63, 16.072, 66.385

Monochromacy



Original Color
63, 42.285, 95.745

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 15.799, 99.366

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 42.285, 95.745 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(169, 153, 76)` looks like.

```
.text, #text, p{  
    color:rgb(169, 153, 76)  
}
```

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(169, 153, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 153, 76) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 42.285, 95.745 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(169, 153, 76) }
```

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

```
.border{ border-color:rgb(169, 153, 76) }
```

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

Here you see how a box with a 4 pixel rgb(169, 153, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 153, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 153, 76);  
box-shadow:4px 4px 4px 4px rgb(169, 153,  
76) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 42.285, 95.745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 153, 76) }
```

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

```
.background{ background-color: rgb(169,  
153, 76) }
```

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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