

Converting Colors

CIELCh(63, 17.726, 94.645)

Have a look what the booklet for
CIELCh(63, 17.726, 94.645) contains.

CIELCh(63, 17.726, 94.645)	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(63, 17.726, 94.645)

Conversions

Conversions Part 1

Format	Color
Hex	A29879
RGB	162, 152, 121
RGB Percent	64%, 60%, 47%
CMY	0.3641, 0.4033, 0.5249
CMYK	0.00, 0.06, 0.25, 0.36
HSL	45°, 18%, 56%
HSV	45°, 25%, 64%
XYZ	29.6443, 31.5869, 22.6702
YIQ	151.4560, 15.9110, -7.5210

Conversions

Conversions Part 2

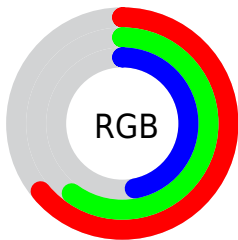
Format	Color
RYB	134, 162, 121
Decimal	10655865
CIELab	63.00, -1.44, 17.67
CIELCh	63, 17.726, 94.645
Yxy	31.5869, 0.3533, 0.3765
Android (android.graphics.Color)	4288845945 (0xFFA29879)
YUV	151.4560, -15.0148, 9.2471
Hunter-Lab	56.2022, -4.2026, 15.4259

Details

The CIELCh color **63, 17.726, 94.645** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **55, 18.055, 281.114**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 17.868, 94.787**, and **43, 17.788, 94.145** is the 20% darker color. If you saturate the color by 10%, you get **62, 24.825, 93.413**, and if you desaturate by 10%, it is **64, 10.661, 95.853**.

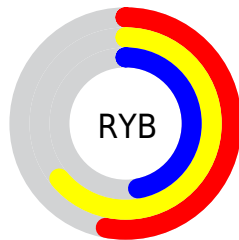
Distribution



Red (64%)

Green (60%)

Blue (47%)



Red (53%)

Yellow (64%)

Blue (47%)

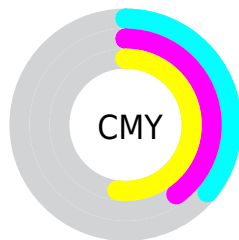


Cyan (0%)

Magenta (6%)

Yellow (25%)

Black (36%)



Cyan (36%)

Magenta (40%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 17.726, 94.645 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, 17.726, 94.645 by changing the saturation by 10% instead.

■ 63, 17.726, 94.645

■ 63, 17.726, 94.645

■ 100, 17.726,
94.645

■ 53, 17.726, 94.645

■ 83, 17.726, 94.645

■ 43, 17.726, 94.645

■ 93, 17.726, 94.645

■ 33, 17.726, 94.645

■ 23, 17.726, 94.645

■ 13, 17.726, 94.645

■ 3, 17.726, 94.645

■ 0, 17.726, 94.645

■ 63, 17.726, 94.645

■ 63, 17.726, 94.645

■ 62, 24.825, 93.413

■ 64, 10.661, 95.853

60, 31.889, 92.146

66, 3.662, 96.996

59, 38.803, 90.852

67, 3.255, 278.216

58, 45.358, 89.524

69, 10.084,
279.267

57, 51.217, 88.141

70, 16.823,
280.298

55, 55.877, 86.657

54, 58.798, 84.990

72, 23.475,
281.283

54, 59.919, 84.191

74, 30.044,
282.220

75, 36.532,
283.108

77, 36.672,
281.282

Harmonies

Complementary

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



63, 17.726, 94.645



55, 18.055, 281.114

Rectangle

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



63, 17.726, 94.645



63, 17.726, 144.645



63, 17.726, 274.645



63, 17.726, 324.645

Sweetspot

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



63, 17.727, 94.651



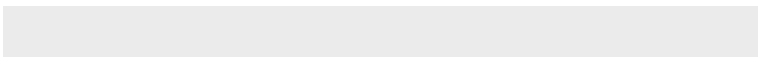
83, 6.897, 96.680



55, 17.614, 2.164



44, 4.946, 96.515



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



63, 17.727, 94.651



79, 26.177, 94.002



65, 22.907, 118.350



34, 3.950, 96.553



48, 55.343, 84.390



4, 5.795, 93.919

Inverse Universe

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



55, 18.055, 281.114



68, 26.789, 282.020



53, 24.122, 301.707



32, 3.981, 278.784



21, 71.802, 300.273



1, 6.292, 279.122

Previews

White Background



This preview shows how the CIELCh color 63, 17.726, 94.645 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, 17.726, 94.645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

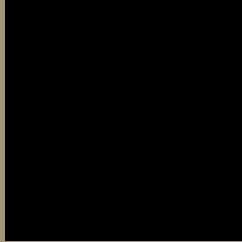
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

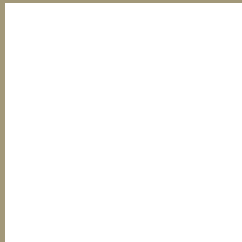
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 17.726, 94.645

Background



This preview shows how black text looks on a background with the CIELCh color 63, 17.726, 94.645.



This preview shows how white text looks on a background with the CIELCh color 63, 17.726, 94.645.

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, 17.726, 94.645

Protanopia

63, 17.726, 94.645

Deuteranopia

63, 18.885, 64.811



Tritanopia
63, 10.230, 339.499

Trichromacy



Original Color
63, 17.726, 94.645

Protanomaly
63, 17.726, 94.645

Deuteranomaly
63, 17.761, 73.922

Tritanomaly
63, 6.728, 39.198

Monochromacy



Original Color
63, 17.726, 94.645

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 6.321, 94.951

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 17.726, 94.645 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(162, 152, 121)` looks like.

```
.text, #text, p{  
    color:rgb(162, 152, 121)  
}
```

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(162, 152, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 152, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 17.726, 94.645 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(162, 152, 121) }
```

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

```
.border{ border-color:rgb(162, 152, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 152, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 152, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 152, 121);  
box-shadow:4px 4px 4px 4px rgb(162, 152,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 17.726, 94.645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 152, 121) }
```

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

```
.background{ background-color: rgb(162,  
152, 121) }
```

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