

Converting Colors

CIELCh(64, 19.495, 96.272)

Have a look what the booklet for
CIELCh(64, 19.495, 96.272) contains.

CIELCh(64, 19.275, 95.596)	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, 19.275, 95.596)

Conversions

Conversions Part 1

Format	Color
Hex	A59B79
RGB	165, 155, 121
RGB Percent	65%, 61%, 47%
CMY	0.3531, 0.3923, 0.5257
CMYK	0.00, 0.06, 0.27, 0.35
HSL	46°, 20%, 56%
HSV	46°, 27%, 65%
XYZ	30.6700, 32.8017, 22.7902
YIQ	154.1140, 16.8740, -8.4540

Conversions

Conversions Part 2

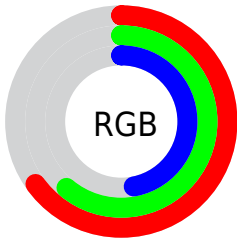
Format	Color
RYB	134, 165, 121
Decimal	10853241
CIELab	64.00, -1.88, 19.18
CIElCh	64, 19.275, 95.596
Yxy	32.8017, 0.3555, 0.3803
Android (android.graphics.Color)	4289043321 (0xFFA59B79)
YUV	154.1140, -16.3252, 9.5470
Hunter-Lab	57.2727, -4.6393, 16.4980

Details

The CIELCh color **64, 19.275, 95.596** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **55, 19.736, 282.387**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 18.839, 95.448**, and **44, 19.414, 95.093** is the 20% darker color. If you saturate the color by 10%, you get **63, 26.564, 94.377**, and if you desaturate by 10%, it is **65, 11.999, 96.794**.

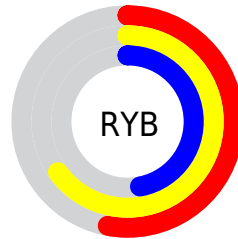
Distribution



Red (65%)

Green (61%)

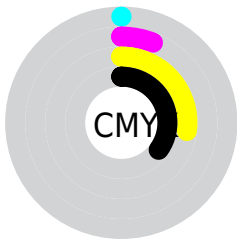
Blue (47%)



Red (53%)

Yellow (65%)

Blue (47%)

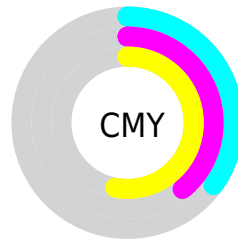


Cyan (0%)

Magenta (6%)

Yellow (27%)

Black (35%)



Cyan (35%)

Magenta (39%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 19.275, 95.596 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, 19.275, 95.596 by changing the saturation by 10% instead.

■ 64, 19.275, 95.596

■ 64, 19.275, 95.596

■ 100, 19.275,
95.596

■ 54, 19.275, 95.596

■ 84, 19.275, 95.596

■ 44, 19.275, 95.596

■ 94, 19.275, 95.596

■ 34, 19.275, 95.596

■ 24, 19.275, 95.596

■ 14, 19.275, 95.596

■ 4, 19.275, 95.596

■ 0, 19.275, 95.596

■ 64, 19.275, 95.596

■ 64, 19.275, 95.596

■ 63, 26.564, 94.377

■ 65, 11.999, 96.794

61, 33.785, 93.127

67, 4.773, 97.937

60, 40.805, 91.854

68, 2.380, 279.154

59, 47.390, 90.554

70, 9.451, 280.186

58, 53.167, 89.207

71, 16.437,
281.212

57, 57.609, 87.770

73, 23.338,
282.193

56, 60.266, 86.178

74, 30.157,
283.127

55, 61.034, 85.647

76, 36.897,
284.013

77, 36.061,
281.849

Harmonies

Complementary

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



64, 19.275, 95.596



55, 19.736, 282.387

Rectangle

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



64, 19.275, 95.596



64, 19.275, 145.596



64, 19.275, 275.596



64, 19.275, 325.596

Sweetspot

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



64, 19.276, 95.602



84, 7.087, 97.774



55, 18.791, 3.574



44, 5.033, 97.611



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



64, 19.276, 95.602



80, 28.653, 94.881



66, 24.544, 118.940



34, 4.019, 97.649



49, 55.675, 85.857



4, 5.910, 95.253

Inverse Universe

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



55, 19.736, 282.387



67, 29.532, 283.420



53, 25.903, 302.398



32, 4.057, 279.850



21, 73.328, 300.939



1, 6.396, 280.055

Previews

White Background



This preview shows how the CIELCh color 64, 19.275, 95.596 looks on a white background.

Color Contrast Check

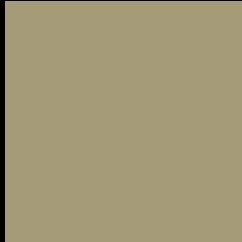
Large Text (above 18pt) WCAG AA × Fail

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 64, 19.275, 95.596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

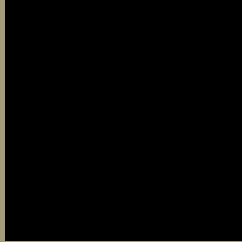
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 19.275, 95.596

Background



This preview shows how black text looks on a background with the CIELCh color 64, 19.275, 95.596.



This preview shows how white text looks on a background with the CIELCh color 64, 19.275, 95.596.

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, 19.275, 95.596

Protanopia

64, 19.275, 95.596

Deuteranopia

64, 20.387, 66.937



Tritanopia
64, 9.848, 341.948

Trichromacy



Original Color
64, 19.275, 95.596

Protanomaly
64, 19.275, 95.596

Deuteranomaly
64, 19.114, 76.486

Tritanomaly
64, 7.174, 47.461

Monochromacy



Original Color
64, 19.275, 95.596

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 6.846, 96.042

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 19.275, 95.596 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(165, 155, 121)` looks like.

```
.text, #text, p{  
    color:rgb(165, 155, 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(165, 155, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 155, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 19.275, 95.596 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(165, 155, 121) }
```

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

```
.border{ border-color:rgb(165, 155, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 155, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 155, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 155, 121);  
box-shadow:4px 4px 4px 4px rgb(165, 155,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 19.275, 95.596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 155, 121) }
```

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

```
.background{ background-color: rgb(165,  
155, 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