

Converting Colors

CIELCh(64, 19.938, 57.951)

Have a look what the booklet for
CIELCh(64, 19.938, 57.951) contains.

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Color

CIELCh(64, 19.645, 58.469)

Conversions

Conversions Part 1

Format	Color
Hex	B8947E
RGB	184, 148, 126
RGB Percent	72%, 58%, 49%
CMY	0.2791, 0.4202, 0.5065
CMYK	0.00, 0.20, 0.32, 0.28
HSL	23°, 29%, 61%
HSV	23°, 32%, 72%
XYZ	34.0474, 32.8017, 24.2233
YIQ	156.2560, 28.5180, 0.7900

Conversions

Conversions Part 2

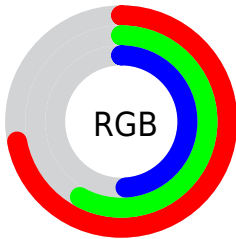
Format	Color
RYB	184, 161, 126
Decimal	12096638
CIELab	64.00, 10.27, 16.74
CIElCh	64, 19.645, 58.469
Yxy	32.8017, 0.3739, 0.3602
Android (android.graphics.Color)	4290286718 (0xFFB8947E)
YUV	156.2560, -14.9162, 24.3315
Hunter-Lab	57.2727, 5.8872, 15.0145

Details

The CIELCh color **64, 19.645, 58.469** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **65, 16.856, 245.568**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 19.597, 57.987**, and **44, 19.665, 57.586** is the 20% darker color. If you saturate the color by 10%, you get **61, 26.765, 57.648**, and if you desaturate by 10%, it is **67, 12.973, 59.349**.

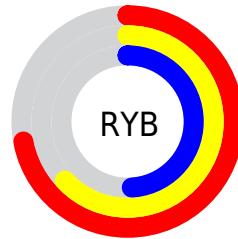
Distribution



Red (72%)

Green (58%)

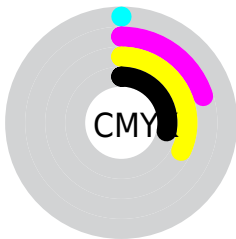
Blue (49%)



Red (72%)

Yellow (63%)

Blue (49%)

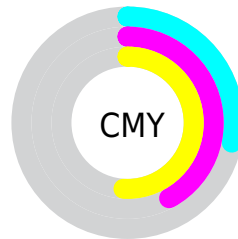


Cyan (0%)

Magenta (20%)

Yellow (32%)

Black (28%)



Cyan (28%)

Magenta (42%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 19.645, 58.469 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, 19.645, 58.469 by changing the saturation by 10% instead.

■ 64, 19.645, 58.469

■ 64, 19.645, 58.469

■ 100, 19.645,
58.469

■ 54, 19.645, 58.469

■ 84, 19.645, 58.469

■ 44, 19.645, 58.469

■ 94, 19.645, 58.469

■ 34, 19.645, 58.469

■ 24, 19.645, 58.469

■ 14, 19.645, 58.469

■ 4, 19.645, 58.469

■ 0, 19.645, 58.469

■ 64, 19.645, 58.469

■ 64, 19.645, 58.469

■ 61, 26.765, 57.648

■ 67, 12.973, 59.349

■ 58, 34.334, 56.873

■ 71, 6.726, 60.238

■ 55, 42.298, 56.143

■ 74, 0.866, 60.747

■ 52, 50.498, 55.412

■ 78, 4.644, 242.286

■ 49, 58.560, 54.543

■ 81, 9.845, 243.185

■ 47, 65.716, 53.235

■ 85, 14.774,
244.107

■ 45, 70.781, 51.826

■ 88, 19.464,
245.017

■ 91, 19.288,
223.820

■ 94, 21.491,
204.303

Harmonies

Complementary

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



64, 19.645, 58.469



65, 16.856, 245.568

Rectangle

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



64, 19.645, 58.469



64, 19.645, 108.469



64, 19.645, 238.469



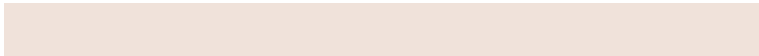
64, 19.645, 288.469

Sweetspot

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



64, 19.645, 58.476



91, 6.456, 60.444



60, 30.058, 339.587



48, 4.505, 60.320



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



64, 19.645, 58.476



79, 30.077, 57.883



71, 27.257, 100.699



37, 3.274, 60.429



38, 62.293, 52.325



4, 8.753, 48.784

Inverse Universe

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



65, 16.856, 245.568



80, 24.795, 246.924



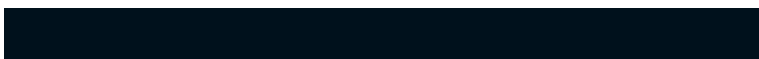
57, 28.733, 288.385



37, 3.148, 242.439



39, 38.707, 268.661



4, 9.162, 255.483

Previews

White Background



This preview shows how the CIELCh color 64, 19.645, 58.469 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, 19.645, 58.469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

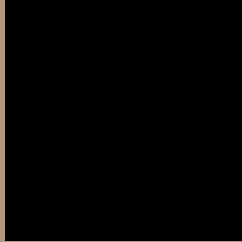
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 19.645, 58.469

Background



This preview shows how black text looks on a background with the CIELCh color 64, 19.645, 58.469.



This preview shows how white text looks on a background with the CIELCh color 64, 19.645, 58.469.

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, 19.645, 58.469

Protanopia

64, 14.875, 94.211

Deuteranopia

64, 18.696, 62.882



Tritanopia
64, 17.954, 1.480

Trichromacy



Original Color
64, 19.645, 58.469

Protanomaly
64, 15.533, 78.238

Deuteranomaly
64, 19.015, 62.019

Tritanomaly
64, 16.599, 22.903

Monochromacy



Original Color
64, 19.645, 58.469

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 6.808, 60.333

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 19.645, 58.469 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(184, 148, 126)` looks like.

```
.text, #text, p{  
    color:rgb(184, 148, 126)  
}
```

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(184, 148, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 148, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 19.645, 58.469 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(184, 148, 126) }
```

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

```
.border{ border-color:rgb(184, 148, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 148, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 148, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 148, 126);  
box-shadow:4px 4px 4px 4px rgb(184, 148,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 19.645, 58.469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 148, 126) }
```

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

```
.background{ background-color: rgb(184,  
148, 126) }
```

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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