

Converting Colors

CIELCh(50, 22.097, 41.334)

Have a look what the booklet for
CIELCh(50, 22.097, 41.334) contains.

CIELCh(50, 22.097, 41.334)	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(50, 22.097, 41.334)

Conversions

Conversions Part 1

Format	Color
Hex	9A6C5F
RGB	154, 108, 95
RGB Percent	60%, 42%, 37%
CMY	0.3961, 0.5765, 0.6275
CMYK	0.00, 0.30, 0.38, 0.40
HSL	13°, 24%, 49%
HSV	13°, 38%, 60%
XYZ	20.7516, 18.4187, 13.2860
YIQ	120.2720, 31.5890, 5.7090

Conversions

Conversions Part 2

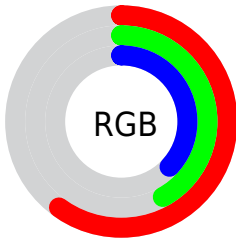
Format	Color
RYB	154, 112, 95
Decimal	10120287
CIELab	50.00, 16.59, 14.59
CIElCh	50, 22.097, 41.334
Yxy	18.4187, 0.3956, 0.3511
Android (android.graphics.Color)	4288310367 (0xFF9A6C5F)
YUV	120.2720, -12.4591, 29.5795
Hunter-Lab	42.9170, 11.2053, 11.6872

Details

The CIELCh color **50, 22.097, 41.334** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **56, 16.980, 224.324**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 22.251, 42.359**, and **30, 22.060, 40.786** is the 20% darker color. If you saturate the color by 10%, you get **47, 28.998, 41.550**, and if you desaturate by 10%, it is **53, 15.679, 41.295**.

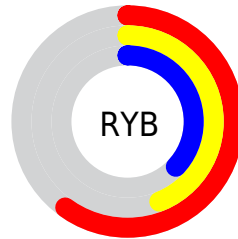
Distribution



Red (60%)

Green (42%)

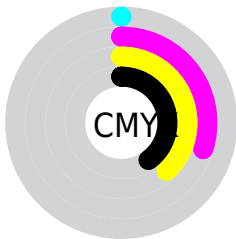
Blue (37%)



Red (60%)

Yellow (44%)

Blue (37%)

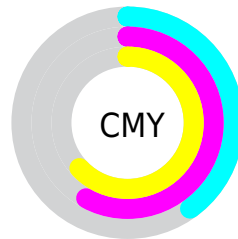


Cyan (0%)

Magenta (30%)

Yellow (38%)

Black (40%)



Cyan (40%)

Magenta (58%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 50, 22.097, 41.334 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 50, 22.097, 41.334 by changing the saturation by 10% instead.

■ 50, 22.097, 41.334

■ 50, 22.097, 41.334

■ 100, 22.097,
41.334

■ 40, 22.097, 41.334

■ 70, 22.097, 41.334

■ 30, 22.097, 41.334

■ 80, 22.097, 41.334

■ 20, 22.097, 41.334

■ 90, 22.097, 41.334

■ 10, 22.097, 41.334

■ 0, 22.097, 41.334

■ 50, 22.097, 41.334

■ 50, 22.097, 41.334

■ 47, 28.998, 41.550

■ 53, 15.679, 41.295

■ 44, 36.358, 41.954

■ 57, 9.739, 41.380

■ 41, 44.082, 42.553

■ 61, 4.248, 41.531

■ 38, 51.948, 43.283

■ 64, 0.832, 222.458

■ 36, 59.452, 43.912

■ 68, 5.543, 222.356

■ 34, 65.974, 44.299

■ 72, 9.925, 222.713

■ 34, 67.074, 44.470

■ 75, 14.017,
223.121

■ 79, 17.854,
223.552

■ 83, 21.468,
223.995

Harmonies

Complementary

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



50, 22.097, 41.334



56, 16.980, 224.324

Rectangle

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



50, 22.097, 41.334



50, 22.097, 91.334



50, 22.097, 221.334



50, 22.097, 271.334

Sweetspot

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



50, 22.096, 41.340



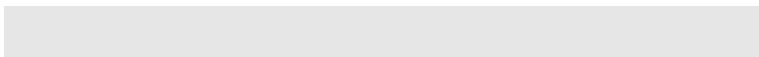
76, 7.078, 41.488



48, 34.855, 333.608



40, 4.818, 41.468



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



50, 22.096, 41.340



61, 34.179, 41.510



58, 24.981, 90.188



30, 2.883, 41.519



31, 62.183, 44.434



1, 3.021, 41.427

Inverse Universe

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



56, 16.980, 224.324



70, 24.453, 225.358



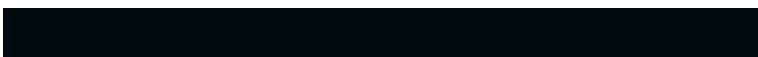
47, 25.371, 280.893



31, 2.730, 222.308



43, 28.421, 238.948



2, 2.999, 223.439

Previews

White Background



This preview shows how the CIELCh color 50, 22.097, 41.334 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 50, 22.097, 41.334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

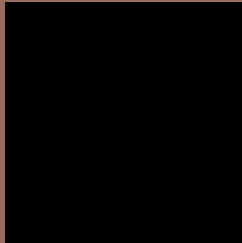
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 22.097, 41.334

Background



This preview shows how black text looks on a background with the CIELCh color 50, 22.097, 41.334.



This preview shows how white text looks on a background with the CIELCh color 50, 22.097, 41.334.

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

50, 22.097, 41.334

Protanopia

50, 11.449, 93.501

Deuteranopia

50, 16.218, 65.618



Tritanopia
50, 21.939, 10.160

Trichromacy



Original Color
50, 22.097, 41.334

Protanomaly
50, 13.591, 66.423

Deuteranomaly
50, 17.878, 56.135

Tritanomaly
50, 21.160, 22.021

Monochromacy



Original Color
50, 22.097, 41.334

Achromatopsia
50, 0.007, 296.813

Achromatomaly
50, 7.320, 43.397

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 22.097, 41.334 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(154, 108, 95)` looks like.

```
.text, #text, p{  
    color:rgb(154, 108, 95)  
}
```

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(154, 108, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 108, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 22.097, 41.334 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(154, 108, 95) }
```

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

```
.border{ border-color:rgb(154, 108, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 108, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 108, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 108, 95);  
box-shadow:4px 4px 4px 4px rgb(154, 108,  
95) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 22.097, 41.334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 108, 95) }
```

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

```
.background{ background-color: rgb(154,  
108, 95) }
```

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