

Converting Colors

CIELCh(71, 35.557, 52.209)

Have a look what the booklet for
CIELCh(71, 35.557, 52.209) contains.

CIELCh(71, 35.502, 52.218)	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(71, 35.502, 52.218)

Conversions

Conversions Part 1	
Format	Color
Hex	E39E7C
RGB	227, 158, 124
RGB Percent	89%, 62%, 49%
CMY	0.1102, 0.3807, 0.5141
CMYK	0.00, 0.30, 0.45, 0.11
HSL	20°, 65%, 69%
HSV	20°, 45%, 89%
XYZ	47.4877, 42.1875, 24.6786
YIQ	174.7550, 52.0380, 4.0540

Conversions

Conversions Part 2

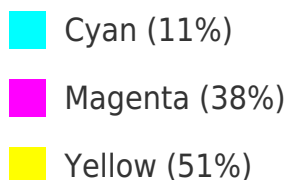
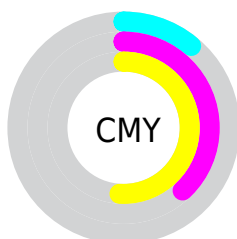
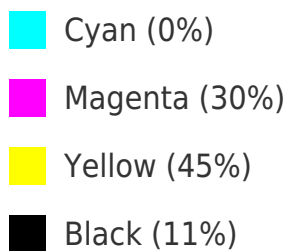
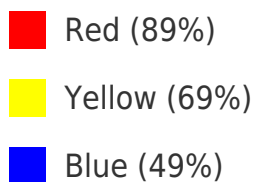
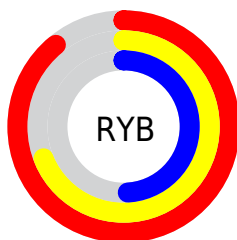
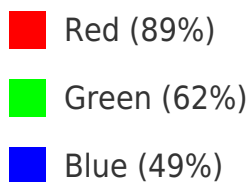
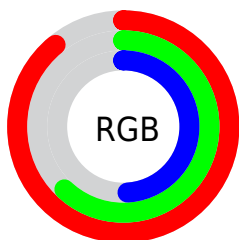
Format	Color
RYB	227, 175, 124
Decimal	14917244
CIELab	71.00, 21.75, 28.06
CIELCh	71, 35.502, 52.218
Yxy	42.1875, 0.4153, 0.3689
Android (android.graphics.Color)	4293107324 (0xFFE39E7C)
YUV	174.7550, -25.0222, 45.8189
Hunter-Lab	64.9519, 16.8393, 22.9390

Details

The CIELCh color **71, 35.502, 52.218** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **75, 26.984, 241.554**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 25.212, 67.512**, and **51, 35.401, 51.776** is the 20% darker color. If you saturate the color by 10%, you get **67, 44.929, 51.777**, and if you desaturate by 10%, it is **75, 26.659, 52.764**.

Distribution



Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 35.502, 52.218 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 71, 35.502, 52.218 by changing the saturation by 10% instead.

 71, 35.502, 52.218

 71, 35.502, 52.218

 100, 35.502,
52.218

 61, 35.502, 52.218

 91, 35.502, 52.218

 51, 35.502, 52.218

 41, 35.502, 52.218

 31, 35.502, 52.218

 21, 35.502, 52.218

 11, 35.502, 52.218

 1, 35.502, 52.218

 0, 35.502, 52.218

 71, 35.502, 52.218

 71, 35.502, 52.218

 67, 44.929, 51.777

 75, 26.659, 52.764

 63, 54.839, 51.409

 79, 18.420, 53.390

 60, 64.948, 51.042

 83, 10.760, 54.075

 57, 74.600, 50.456

 88, 3.632, 54.734

 54, 82.512, 49.188

 92, 3.014, 235.852

 53, 85.570, 48.489

 97, 8.061, 221.096

 98, 9.549, 198.872

Harmonies

Complementary

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



71, 35.502, 52.218



75, 26.984, 241.554

Rectangle

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



71, 35.502, 52.218



71, 35.502, 102.218



71, 35.502, 232.218



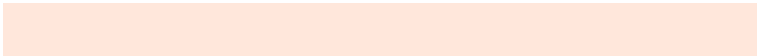
71, 35.502, 282.218

Sweetspot

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



71, 35.501, 52.223



93, 10.710, 54.166



65, 52.419, 338.552



49, 7.453, 54.014



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 35.501, 52.223



75, 47.977, 51.819



83, 44.217, 96.063



45, 3.850, 54.487



42, 70.324, 49.084



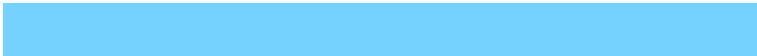
9, 20.640, 42.446

Inverse Universe

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



75, 26.984, 241.554



80, 34.171, 243.714



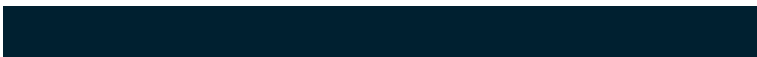
61, 47.366, 288.651



45, 3.673, 236.218



47, 38.923, 261.326



11, 14.685, 251.403

Previews

White Background



This preview shows how the CIELCh color 71, 35.502, 52.218 looks on a white background.

Color Contrast Check

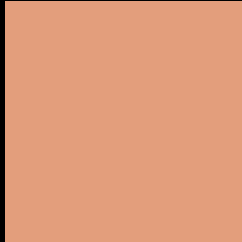
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 71, 35.502, 52.218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

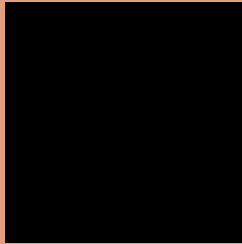
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 35.502, 52.218

Background



This preview shows how black text looks on a background with the CIELCh color 71, 35.502, 52.218.



This preview shows how white text looks on a background with the CIELCh color 71, 35.502, 52.218.

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

71, 35.502, 52.218

Protanopia

71, 23.792, 95.812

Deuteranopia

71, 30.090, 73.254



Tritanopia

71, 31.357, 10.714

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 35.502, 52.218 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(227, 158, 124)` looks like.

```
.text, #text, p{  
    color:rgb(227, 158, 124)  
}
```

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(227, 158, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 158, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 35.502, 52.218 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(227, 158, 124) }
```

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

```
.border{ border-color:rgb(227, 158, 124) }
```

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

Here you see how a box with a 4 pixel rgb(227, 158, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 158, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 158, 124);  
box-shadow:4px 4px 4px 4px rgb(227, 158,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 35.502, 52.218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 158, 124) }
```

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

```
.background{ background-color: rgb(227,  
158, 124) }
```

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