

Converting Colors

CIELCh(52, 13.090, 0.350)

Have a look what the booklet for
CIELCh(52, 13.090, 0.350) contains.

CIELCh(52, 13.090, 0.346)	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(52, 13.090, 0.346)

Conversions

Conversions Part 1

Format	Color
Hex	92747C
RGB	146, 116, 124
RGB Percent	57%, 45%, 49%
CMY	0.4264, 0.5441, 0.5127
CMYK	0.00, 0.21, 0.15, 0.43
HSL	344°, 12%, 51%
HSV	344°, 21%, 57%
XYZ	21.8281, 20.1443, 21.8894
YIQ	125.8820, 15.3120, 8.8480

Conversions

Conversions Part 2

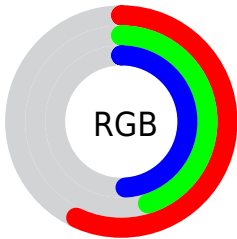
Format	Color
R_{YB}	146, 116, 124
Decimal	9598076
CIE _{Lab}	52.00, 13.09, 0.08
CIE _{LCh}	52, 13.090, 0.346
Y _{xy}	20.1443, 0.3418, 0.3154
Android (android.graphics.Color)	4287788156 (0xFF92747C)
Y _{UV}	125.8820, -0.9278, 17.6435
Hunter-Lab	44.8824, 8.2672, 2.5016

Details

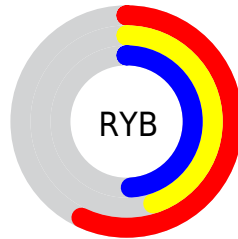
The CIELCh color $52, 13.090, 0.346$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $58, 12.265, 176.457$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 12.977, 1.075$, and $32, 12.843, 1.701$ is the 20% darker color. If you saturate the color by 10%, you get $48, 19.815, 1.626$, and if you desaturate by 10%, it is $56, 6.572, 359.243$.

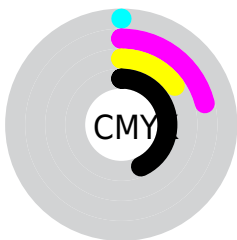
Distribution



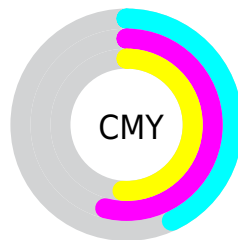
- Red (57%)
- Green (45%)
- Blue (49%)



- Red (57%)
- Yellow (45%)
- Blue (49%)



- Cyan (0%)
- Magenta (21%)
- Yellow (15%)
- Black (43%)



- Cyan (43%)
- Magenta (54%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 13.090, 0.346 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 52, 13.090, 0.346 by changing the saturation by 10% instead.

 52, 13.090, 0.346  52, 13.090, 0.346

 100, 13.090, 0.346  42, 13.090, 0.346

 72, 13.090, 0.346  32, 13.090, 0.346


 82, 13.090, 0.346  22, 13.090, 0.346


 92, 13.090, 0.346  12, 13.090, 0.346

 2, 13.090, 0.346

 0, 13.090, 0.346

 52, 13.090, 0.346  52, 13.090, 0.346

 48, 19.815, 1.626  56, 6.572, 359.243

 44, 26.648, 3.144  60, 0.319, 357.152

41, 33.423, 4.992

65, 5.648, 177.615

37, 39.904, 7.282

69, 11.330,
176.850

35, 45.815, 10.160

73, 16.739,
176.184

33, 50.900, 13.779

31, 55.045, 18.248

78, 21.894,
175.585

30, 58.533, 22.901

82, 26.815,
175.040

87, 31.525,
174.542

91, 36.045,
174.084

Harmonies

Complementary

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



52, 13.090, 0.346



58, 12.265, 176.457

Rectangle

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



52, 13.090, 0.346



52, 13.090, 50.346



52, 13.090, 180.346



52, 13.090, 230.346

Sweetspot

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



52, 13.088, 0.350



74, 4.622, 358.773



52, 19.417, 317.628



39, 3.094, 358.837



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



52, 13.088, 0.350



64, 20.033, 0.964



54, 10.484, 42.766



29, 3.552, 359.105



28, 55.905, 22.557



1, 3.047, 358.316

Inverse Universe

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



52, 13.088, 0.350



64, 20.033, 0.964



56, 9.230, 224.521



29, 3.552, 359.105



28, 55.905, 22.557



1, 3.047, 358.316

Previews

White Background



This preview shows how the CIELCh color 52, 13.090, 0.346 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 52, 13.090, 0.346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

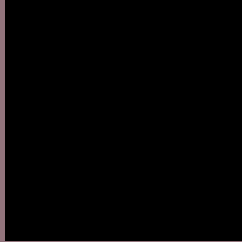
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 13.090, 0.346

Background



This preview shows how black text looks on a background with the CIELCh color 52, 13.090, 0.346.



This preview shows how white text looks on a background with the CIELCh color 52, 13.090, 0.346.

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

52, 13.090, 0.346

Protanopia

52, 2.365, 300.086

Deuteranopia

52, 6.895, 0.563



Tritanopia
52, 13.272, 357.981

Trichromacy



Original Color
52, 13.090, 0.346

Protanomaly
52, 5.955, 344.325

Deuteranomaly
52, 9.025, 1.785

Tritanomaly
52, 13.272, 357.981

Monochromacy



Original Color
52, 13.090, 0.346

Achromatopsia
53, 0.007, 296.813

Achromatomaly
52, 4.771, 358.556

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 13.090, 0.346 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(146, 116, 124)` looks like.

```
.text, #text, p{  
    color:rgb(146, 116, 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(146, 116, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 116, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 13.090, 0.346 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(146, 116, 124) }
```

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

```
.border{ border-color:rgb(146, 116, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 116, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 116, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 116, 124);  
box-shadow:4px 4px 4px 4px rgb(146, 116,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 13.090, 0.346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 116, 124) }
```

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

```
.background{ background-color: rgb(146,  
116, 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