

Converting Colors

CIELCh(52, 13.446, 329.184)

Have a look what the booklet for
CIELCh(52, 13.446, 329.184)
contains.

CIELCh(52, 13.345, 329.468)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(52, 13.345, 329.468)

Conversions

Conversions Part 1

Format	Color
Hex	8B7688
RGB	139, 118, 136
RGB Percent	55%, 46%, 53%
CMY	0.4558, 0.5381, 0.4676
CMYK	0.00, 0.15, 0.02, 0.46
HSL	309°, 8%, 50%
HSV	309°, 15%, 54%
XYZ	21.4887, 20.1443, 25.9630
YIQ	126.3310, 6.7380, 10.0500

Conversions

Conversions Part 2

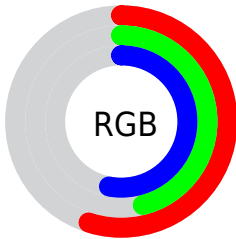
Format	Color
R_{YB}	139, 118, 136
Decimal	9139848
CIE _{Lab}	52.00, 11.49, -6.78
CIE _{LCh}	52, 13.345, 329.468
Yxy	20.1443, 0.3179, 0.2980
Android (android.graphics.Color)	4287329928 (0xFF8B7688)
YUV	126.3310, 4.7668, 11.1107
Hunter-Lab	44.8824, 6.9175, -2.8796

Details

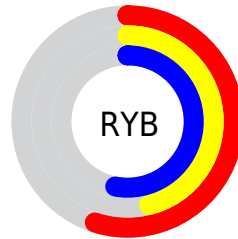
The CIELCh color $52, 13.345, 329.468$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $56, 13.312, 147.671$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 13.442, 330.334$, and $32, 12.955, 330.285$ is the 20% darker color. If you saturate the color by 10%, you get $48, 22.214, 330.070$, and if you desaturate by 10%, it is $56, 4.497, 328.854$.

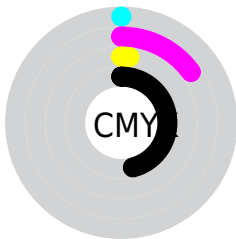
Distribution



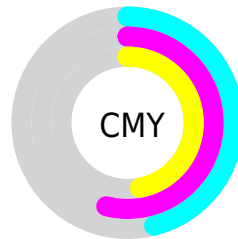
- Red (55%)
- Green (46%)
- Blue (53%)



- Red (55%)
- Yellow (46%)
- Blue (53%)



- Cyan (0%)
- Magenta (15%)
- Yellow (2%)
- Black (46%)




- Cyan (46%)
- Magenta (54%)
- Yellow (47%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 13.345, 329.468 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, 13.345, 329.468 by changing the saturation by 10% instead.


 52, 13.345,
329.468


 52, 13.345,
329.468


 100, 13.345,
329.468

 42, 13.345,
329.468


 72, 13.345,
329.468

 32, 13.345,
329.468

 82, 13.345,
329.468

 22, 13.345,
329.468

 92, 13.345,
329.468

 12, 13.345,
329.468

 2, 13.345, 329.468

 0, 13.345, 329.468

■ 52, 13.345,
329.468

■ 52, 13.345,
329.468

■ 48, 22.214,
330.070

■ 56, 4.497, 328.854

■ 45, 30.954,
330.676

■ 60, 4.222, 148.393

■ 42, 39.341,
331.285

■ 64, 12.750,
147.814

■ 39, 47.089,
331.893

■ 68, 21.051,
147.288

■ 36, 53.851,
332.499

■ 72, 29.109,
146.790

■ 34, 59.271,
333.107

■ 76, 36.923,
146.318

■ 33, 63.053,
333.728


■ 80, 44.496,
145.873

■ 32, 65.115,

■ 84, 51.839,
145.453

334.379

 88, 58.964,
145.058

 31, 65.894,
334.697

Harmonies

Complementary

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



52, 13.345, 329.468



56, 13.312, 147.671

Rectangle

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



52, 13.345, 329.468



52, 13.345, 19.468



52, 13.345, 149.468



52, 13.345, 199.468

Sweetspot

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



52, 13.343, 329.469



71, 5.449, 328.853



50, 12.347, 296.642



37, 3.748, 328.894



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



52, 13.343, 329.469



65, 19.752, 329.665



52, 9.600, 352.877



27, 4.930, 329.108



30, 63.786, 334.665



0, 2.275, 328.608

Inverse Universe

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



52, 13.343, 329.469



65, 19.752, 329.665



56, 9.291, 170.190



27, 4.930, 329.108



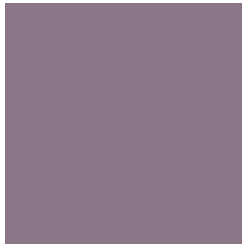
30, 63.786, 334.665



0, 2.275, 328.608

Previews

White Background



This preview shows how the CIELCh color 52, 13.345, 329.468 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 CIELCh color 52, 13.345, 329.468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

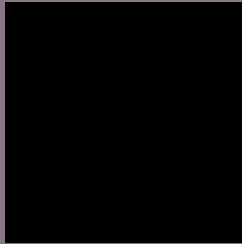
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 13.345, 329.468

Background



This preview shows how black text looks on a background with the CIELCh color 52, 13.345, 329.468.



This preview shows how white text looks on a background with the CIELCh color 52, 13.345, 329.468.

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, 13.345, 329.468

Protanopia

52, 9.300, 289.019

Deuteranopia

52, 9.065, 316.589



Tritanopia
52, 9.257, 346.223

Trichromacy



Original Color
52, 13.345, 329.468

Protanomaly
52, 10.289, 306.523

Deuteranomaly
52, 10.339, 323.166

Tritanomaly
52, 10.302, 338.153

Monochromacy



Original Color
52, 13.345, 329.468

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 5.177, 328.346

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 13.345, 329.468 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(139, 118, 136)` looks like.

```
.text, #text, p{  
    color:rgb(139, 118, 136)  
}
```

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(139, 118, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 118, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 13.345, 329.468 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(139, 118, 136) }
```

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

```
.border{ border-color:rgb(139, 118, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 118, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(139, 118, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(139, 118, 136); box-shadow:4px 4px 4px 4px rgb(139, 118, 136) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 13.345, 329.468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 118, 136) }
```

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

```
.background{ background-color: rgb(139,  
118, 136) }
```

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