

Converting Colors

CIELCh(52, 21.312, 347.504)

Have a look what the booklet for
CIELCh(52, 21.312, 347.504)
contains.

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Color

CIELCh(52, 21.312, 347.504)

Conversions

Conversions Part 1

Format	Color
Hex	9B6F84
RGB	155, 111, 132
RGB Percent	61%, 44%, 52%
CMY	0.3905, 0.5631, 0.4808
CMYK	0.00, 0.28, 0.15, 0.39
HSL	331°, 18%, 52%
HSV	331°, 28%, 61%
XYZ	23.5205, 20.1443, 24.6250
YIQ	126.5500, 19.4830, 15.8590

Conversions

Conversions Part 2

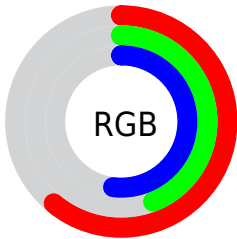
Format	Color
R_{YB}	155, 111, 132
Decimal	10186628
CIE _{Lab}	52.00, 20.81, -4.61
CIE _{LCh}	52, 21.312, 347.504
Yxy	20.1443, 0.3444, 0.2950
Android (android.graphics.Color)	4288376708 (0xFF9B6F84)
YUV	126.5500, 2.6869, 24.9507
Hunter-Lab	44.8824, 14.9981, -1.1120

Details

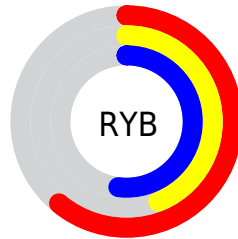
The CIELCh color $52, 21.312, 347.504$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $61, 20.508, 162.331$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 21.318, 347.454$, and $32, 21.170, 347.190$ is the 20% darker color. If you saturate the color by 10%, you get $48, 28.896, 348.674$, and if you desaturate by 10%, it is $56, 13.678, 346.476$.

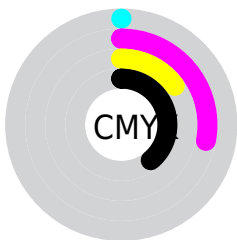
Distribution



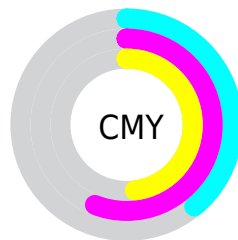
- Red (61%)
- Green (44%)
- Blue (52%)



- Red (61%)
- Yellow (44%)
- Blue (52%)



- Cyan (0%)
- Magenta (28%)
- Yellow (15%)
- Black (39%)





- Cyan (39%)
- Magenta (56%)
- Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 21.312, 347.504 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, 21.312, 347.504 by changing the saturation by 10% instead.


 52, 21.312,
347.504

 52, 21.312,
347.504


 100, 21.312,
347.504


 42, 21.312,
347.504


 72, 21.312,
347.504

 32, 21.312,
347.504


 82, 21.312,
347.504

 22, 21.312,
347.504

 92, 21.312,
347.504

 12, 21.312,
347.504

 2, 21.312, 347.504

 0, 21.312, 347.504

■ 52, 21.312,
347.504

■ 52, 21.312,
347.504

■ 48, 28.896,
348.674

■ 56, 13.678,
346.476

■ 44, 36.220,
350.029

■ 60, 6.142, 345.536

■ 65, 1.212, 165.054

■ 41, 42.987,
351.641

■ 69, 8.339, 164.065

■ 38, 48.837,
353.606

■ 74, 15.219,
163.362

■ 36, 53.402,
356.052

■ 78, 21.851,
162.723


■ 34, 56.432,
359.135

■ 83, 28.242,
162.136

■ 33, 58.139, 2.889

■ 87, 34.405,
161.591

■ 33, 58.426, 3.527

 92, 40.356,
161.084

Harmonies

Complementary

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



52, 21.312, 347.504



61, 20.508, 162.331

Rectangle

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



52, 21.312, 347.504



52, 21.312, 37.504



52, 21.312, 167.504



52, 21.312, 217.504

Sweetspot

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



52, 21.310, 347.506



77, 7.290, 345.520



51, 27.136, 310.959



40, 5.232, 345.652



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



52, 21.310, 347.506



63, 31.668, 348.226



52, 18.484, 22.876



30, 4.122, 345.618



29, 54.230, 3.088



1, 4.380, 345.344

Inverse Universe

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



52, 21.310, 347.506



63, 31.668, 348.226



61, 15.294, 199.614



30, 4.122, 345.618



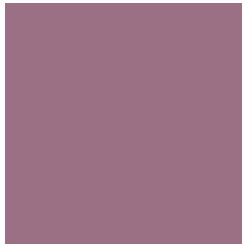
29, 54.230, 3.088



1, 4.380, 345.344

Previews

White Background



This preview shows how the CIELCh color 52, 21.312, 347.504 looks on a white background.

Color Contrast Check

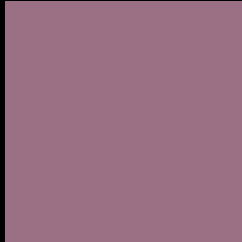
Large Text (above 18pt) WCAG AA ✓ Pass

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, 21.312, 347.504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

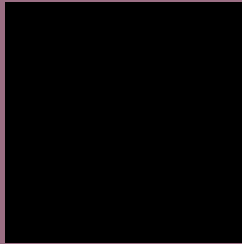
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 21.312, 347.504

Background



This preview shows how black text looks on a background with the CIELCh color 52, 21.312, 347.504.



This preview shows how white text looks on a background with the CIELCh color 52, 21.312, 347.504.

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, 21.312, 347.504

Protanopia
52, 9.880, 289.234

Deuteranopia
52, 7.534, 329.887



Tritanopia
52, 17.658, 4.573

Trichromacy



Original Color
52, 21.312, 347.504

Protanomaly
52, 12.034, 320.362

Deuteranomaly
52, 12.249, 339.420

Tritanomaly
52, 19.243, 357.100

Monochromacy



Original Color
52, 21.312, 347.504

Achromatopsia
53, 0.007, 296.813

Achromatomaly
52, 7.922, 344.564

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 21.312, 347.504 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(155, 111, 132)` looks like.

```
.text, #text, p{  
    color:rgb(155, 111, 132)  
}
```

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(155, 111, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 111, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 21.312, 347.504 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(155, 111, 132) }
```

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

```
.border{ border-color:rgb(155, 111, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 111, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 111, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 111, 132);  
box-shadow:4px 4px 4px 4px rgb(155, 111,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 21.312, 347.504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 111, 132) }
```

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

```
.background{ background-color: rgb(155,  
111, 132) }
```

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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