

Converting Colors

CIELCh(52, 21.554, 354.529)

Have a look what the booklet for
CIELCh(52, 21.554, 354.529)
contains.

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Color

CIELCh(52, 21.352, 354.913)

Conversions

Conversions Part 1

Format	Color
Hex	9E6F80
RGB	158, 111, 128
RGB Percent	62%, 44%, 50%
CMY	0.3810, 0.5653, 0.4986
CMYK	0.00, 0.30, 0.19, 0.38
HSL	338°, 19%, 53%
HSV	338°, 30%, 62%
XYZ	23.6242, 20.1443, 23.0136
YIQ	126.9910, 22.5550, 15.2510

Conversions

Conversions Part 2

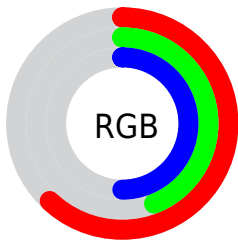
Format	Color
R_{YB}	158, 111, 128
Decimal	10383232
CIE _{Lab}	52.00, 21.27, -1.89
CIE _{LCh}	52, 21.352, 354.913
Yxy	20.1443, 0.3538, 0.3016
Android (android.graphics.Color)	4288573312 (0xFF9E6F80)
YUV	126.9910, 0.4974, 27.1949
Hunter-Lab	44.8824, 15.4106, 1.0166

Details

The CIELCh color $52, 21.352, 354.913$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $61, 19.953, 168.971$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 21.329, 354.316$, and $32, 21.225, 355.490$ is the 20% darker color. If you saturate the color by 10%, you get $48, 28.720, 356.310$, and if you desaturate by 10%, it is $56, 14.003, 353.721$.

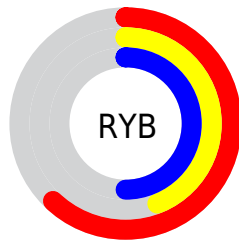
Distribution



Red (62%)

Green (44%)

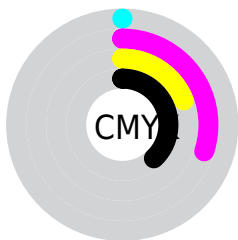
Blue (50%)



Red (62%)

Yellow (44%)

Blue (50%)

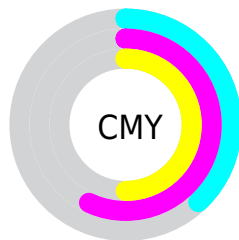


Cyan (0%)

Magenta (30%)

Yellow (19%)

Black (38%)



Cyan (38%)


Magenta (57%)


Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 21.352, 354.913 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, 21.352, 354.913 by changing the saturation by 10% instead.


 52, 21.352,
354.913


 52, 21.352,
354.913


 100, 21.352,
354.913


 42, 21.352,
354.913


 72, 21.352,
354.913

 32, 21.352,
354.913

 82, 21.352,
354.913

 22, 21.352,
354.913

 92, 21.352,
354.913

 12, 21.352,
354.913

 2, 21.352, 354.913

 0, 21.352, 354.913

52, 21.352,
354.913

52, 21.352,
354.913

48, 28.720,
356.310

56, 14.003,
353.721

44, 35.911,
357.977

61, 6.810, 352.663

41, 42.641, 0.017

65, 0.154, 174.290

38, 48.576, 2.562

70, 6.855, 171.057

36, 53.396, 5.774

74, 13.280,
170.299

34, 56.933, 9.815


79, 19.437,
169.626

33, 59.607, 14.527

84, 25.337,
169.014

33, 59.673, 14.635

88, 31.000,
168.452

 93, 36.445,
167.934

Harmonies

Complementary

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



52, 21.352, 354.913



61, 19.953, 168.971

Rectangle

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



52, 21.352, 354.913



52, 21.352, 44.913



52, 21.352, 174.913



52, 21.352, 224.913

Sweetspot

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



52, 21.350, 354.915



77, 7.725, 352.602



51, 29.536, 314.848



40, 5.368, 352.741



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, 21.350, 354.915



63, 31.995, 355.854



53, 17.911, 32.773



31, 3.944, 352.610



30, 55.377, 14.118



1, 5.025, 353.042

Inverse Universe

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



52, 21.350, 354.915



63, 31.995, 355.854



60, 14.568, 212.343



31, 3.944, 352.610



30, 55.377, 14.118



1, 5.025, 353.042

Previews

White Background



This preview shows how the CIELCh color 52, 21.352, 354.913 looks on a white background.

Color Contrast Check

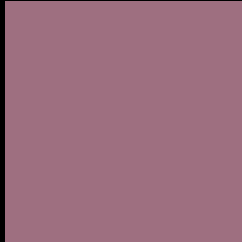
Large Text (above 18pt) WCAG AA ✓ Pass

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, 21.352, 354.913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

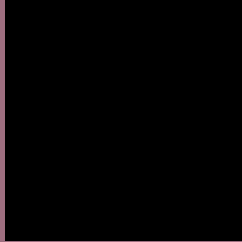
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 21.352, 354.913

Background



This preview shows how black text looks on a background with the CIELCh color 52, 21.352, 354.913.



This preview shows how white text looks on a background with the CIELCh color 52, 21.352, 354.913.

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, 21.352, 354.913

Protanopia

52, 6.976, 291.062

Deuteranopia

52, 6.985, 350.350



Tritanopia
52, 19.303, 6.315

Trichromacy



Original Color
52, 21.352, 354.913

Protanomaly
52, 10.147, 332.548

Deuteranomaly
52, 11.998, 352.046

Tritanomaly
52, 19.529, 3.009

Monochromacy



Original Color
52, 21.352, 354.913

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 7.690, 353.483

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 21.352, 354.913 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(158, 111, 128)` looks like.

```
.text, #text, p{  
    color:rgb(158, 111, 128)  
}
```

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(158, 111, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 111, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 21.352, 354.913 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(158, 111, 128) }
```

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

```
.border{ border-color:rgb(158, 111, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 111, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 111, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 111, 128);  
box-shadow:4px 4px 4px 4px rgb(158, 111,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 21.352, 354.913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 111, 128) }
```

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

```
.background{ background-color: rgb(158,  
111, 128) }
```

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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