

Converting Colors

CIELCh(52, 20.952, 1.594)

Have a look what the booklet for
CIELCh(52, 20.952, 1.594) contains.

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Color

CIELCh(52, 21.012, 1.301)

Conversions

Conversions Part 1

Format	Color
Hex	9F6F7C
RGB	159, 111, 124
RGB Percent	62%, 44%, 49%
CMY	0.3771, 0.5653, 0.5143
CMYK	0.00, 0.30, 0.22, 0.38
HSL	344°, 20%, 53%
HSV	344°, 30%, 62%
XYZ	23.5653, 20.1443, 21.6671
YIQ	126.8340, 24.4350, 14.2190

Conversions

Conversions Part 2

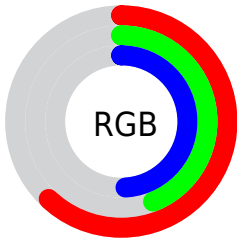
Format	Color
R _Y B	159, 111, 124
Decimal	10448764
CIE Lab	52.00, 21.01, 0.48
CIE LCh	52, 21.012, 1.301
Yxy	20.1443, 0.3605, 0.3081
Android (android.graphics.Color)	4288638844 (0xFF9F6F7C)
YUV	126.8340, -1.3972, 28.2096
Hunter-Lab	44.8824, 15.1765, 2.7953

Details

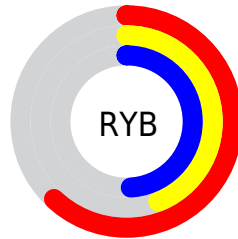
The CIELCh color **52, 21.012, 1.301** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **62, 19.062, 175.126**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 20.800, 1.680**, and **32, 20.532, 2.025** is the 20% darker color. If you saturate the color by 10%, you get **48, 28.321, 2.827**, and if you desaturate by 10%, it is **56, 13.810, 0.024**.

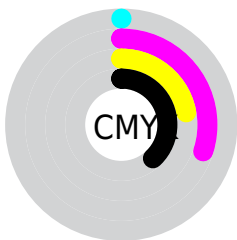
Distribution



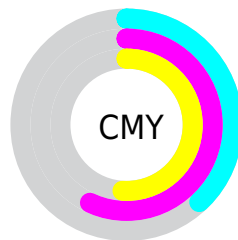
- Red (62%)
- Green (44%)
- Blue (49%)



- Red (62%)
- Yellow (44%)
- Blue (49%)



- Cyan (0%)
- Magenta (30%)
- Yellow (22%)
- Black (38%)



- Cyan (38%)
- Magenta (57%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 21.012, 1.301 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, 21.012, 1.301 by changing the saturation by 10% instead.

 52, 21.012, 1.301  52, 21.012, 1.301

 100, 21.012, 1.301  42, 21.012, 1.301

 72, 21.012, 1.301  32, 21.012, 1.301


 82, 21.012, 1.301  22, 21.012, 1.301

 92, 21.012, 1.301  12, 21.012, 1.301

 2, 21.012, 1.301

 0, 21.012, 1.301

 52, 21.012, 1.301  52, 21.012, 1.301

 48, 28.321, 2.827  56, 13.810, 0.024

 44, 35.563, 4.681  61, 6.834, 358.912

41, 42.481, 6.983

65, 0.141, 355.119

38, 48.770, 9.879

70, 6.247, 177.277

36, 54.156, 13.528

75, 12.329,
176.511

34, 58.515, 18.040

79, 18.120,
175.842

33, 62.209, 22.972

84, 23.638,
175.241

89, 28.908,
174.694

93, 33.951,
174.194

Harmonies

Complementary

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



52, 21.012, 1.301



62, 19.062, 175.126

Rectangle

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



52, 21.012, 1.301



52, 21.012, 51.301



52, 21.012, 181.301



52, 21.012, 231.301

Sweetspot

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



52, 21.010, 1.304



78, 7.445, 358.802



52, 30.654, 317.526



41, 5.230, 358.949



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



52, 21.010, 1.304



63, 31.285, 2.258



54, 17.332, 40.909



31, 3.763, 358.809



29, 57.350, 22.397



1, 4.796, 359.015

Inverse Universe

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



52, 21.010, 1.304



63, 31.285, 2.258



59, 14.170, 223.060



31, 3.763, 358.809



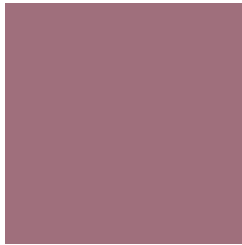
29, 57.350, 22.397



1, 4.796, 359.015

Previews

White Background



This preview shows how the CIELCh color 52, 21.012, 1.301 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, 21.012, 1.301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

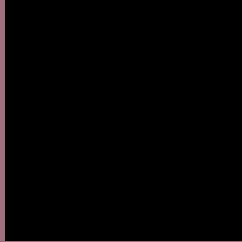
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 21.012, 1.301

Background



This preview shows how black text looks on a background with the CIELCh color 52, 21.012, 1.301.



This preview shows how white text looks on a background with the CIELCh color 52, 21.012, 1.301.

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, 21.012, 1.301

Protanopia

52, 4.066, 290.700

Deuteranopia

52, 7.037, 10.722



Tritanopia
52, 20.149, 7.109

Trichromacy



Original Color
52, 21.012, 1.301

Protanomaly
52, 8.927, 344.695

Deuteranomaly
52, 11.977, 4.042

Tritanomaly
52, 20.242, 5.509

Monochromacy



Original Color
52, 21.012, 1.301

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 7.840, 358.694

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 21.012, 1.301 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(159, 111, 124)` looks like.

```
.text, #text, p{  
    color:rgb(159, 111, 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(159, 111, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 111, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 21.012, 1.301 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(159, 111, 124) }
```

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

```
.border{ border-color:rgb(159, 111, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 111, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 111, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 111, 124);  
box-shadow:4px 4px 4px 4px rgb(159, 111,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 21.012, 1.301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 111, 124) }
```

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

```
.background{ background-color: rgb(159,  
111, 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](#).

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