

Converting Colors

CIELCh(52, 9.137, 290.448)

Have a look what the booklet for
CIELCh(52, 9.137, 290.448) contains.

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Color

CIELCh(52, 9.300, 289.019)

Conversions

Conversions Part 1

Format	Color
Hex	7A7B8B
RGB	122, 123, 139
RGB Percent	48%, 48%, 55%
CMY	0.5218, 0.5179, 0.4552
CMYK	0.12, 0.12, 0.00, 0.46
HSL	236°, 7%, 51%
HSV	236°, 12%, 54%
XYZ	19.7467, 20.1443, 27.2477
YIQ	124.5250, -5.7320, 4.7640

Conversions

Conversions Part 2

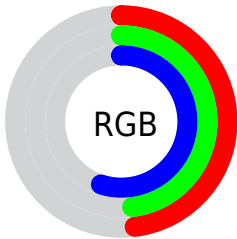
Format	Color
R _{YB}	122, 123, 139
Decimal	8027019
CIE Lab	52.00, 3.03, -8.79
CIE LCh	52, 9.300, 289.019
Yxy	20.1443, 0.2941, 0.3000
Android (android.graphics.Color)	4286217099 (0xFF7A7B8B)
YUV	124.5250, 7.1362, -2.2144
Hunter-Lab	44.8824, -0.0106, -4.5767

Details

The CIELCh color **52, 9.300, 289.019** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **57, 9.079, 106.511**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 9.268, 288.865**, and **32, 9.520, 289.446** is the 20% darker color. If you saturate the color by 10%, you get **47, 17.213, 290.272**, and if you desaturate by 10%, it is **57, 1.674, 287.970**.

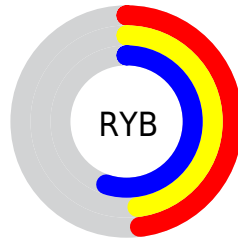
Distribution



Red (48%)

Green (48%)

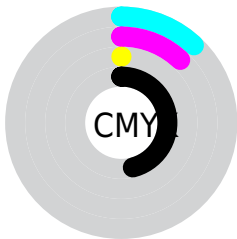
Blue (55%)



Red (48%)

Yellow (48%)

Blue (55%)

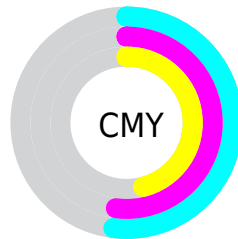


Cyan (12%)

Magenta (12%)

Yellow (0%)

Black (46%)



Cyan (52%)

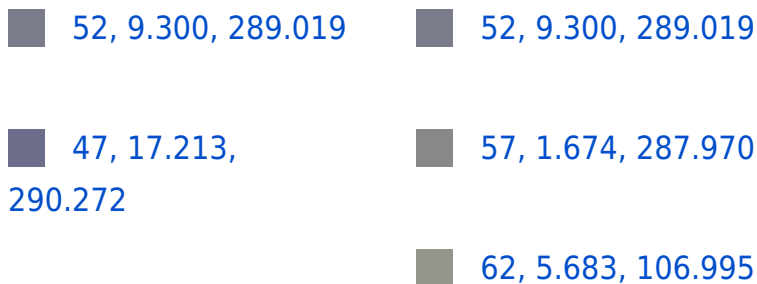
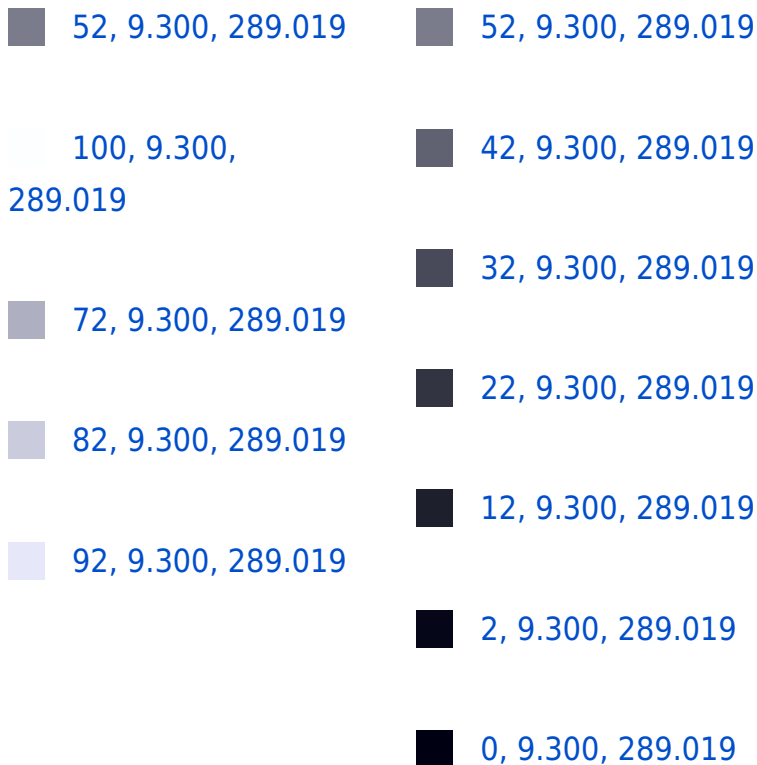
Magenta (52%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 9.300, 289.019 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, 9.300, 289.019 by changing the saturation by 10% instead.



42, 25.440,
291.745

66, 12.791,
106.209

38, 34.000,
293.458

71, 19.668,
105.526

33, 42.895,
295.423

76, 26.326,
104.933

28, 52.073,
297.618

80, 32.781,
104.416

24, 61.338,
299.955

85, 39.043,
103.963

20, 70.210,
302.254

89, 45.124,
103.565

17, 77.791,
304.239

94, 51.034,
103.212

16, 82.177,
305.294

Harmonies

Complementary

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



52, 9.300, 289.019



57, 9.079, 106.511

Rectangle

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



52, 9.300, 289.019



52, 9.300, 339.019



52, 9.300, 109.019



52, 9.300, 159.019

Sweetspot

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



52, 9.299, 289.015



71, 3.724, 288.139



56, 6.522, 193.104



37, 2.670, 288.207



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, 9.299, 289.015



65, 14.230, 289.382



52, 10.313, 307.279



27, 4.235, 288.666



15, 79.287, 305.239



0, 1.936, 287.712

Inverse Universe

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



53, 6.962, 15.387



66, 10.708, 15.672



57, 10.121, 126.152



27, 3.154, 15.110



27, 61.325, 36.289



0, 1.421, 14.512

Previews

White Background



This preview shows how the CIELCh color 52, 9.300, 289.019 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, 9.300, 289.019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

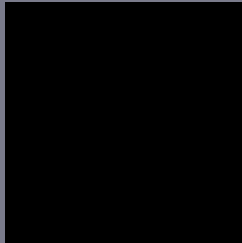
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

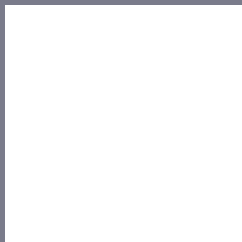
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 52, 9.300, 289.019

Background



This preview shows how black text looks on a background with the CIELCh color 52, 9.300, 289.019.



This preview shows how white text looks on a background with the CIELCh color 52, 9.300, 289.019.

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, 9.300, 289.019

Protanopia

52, 9.300, 289.019

Deuteranopia

52, 10.953, 307.704



Tritanopia
52, 5.900, 279.657

Trichromacy



Original Color
52, 9.300, 289.019

Protanomaly
52, 9.300, 289.019

Deuteranomaly
52, 10.028, 300.151

Tritanomaly
52, 7.040, 281.705

Monochromacy



Original Color
52, 9.300, 289.019

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 2.927, 282.869

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 9.300, 289.019 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(122, 123, 139)` looks like.

```
.text, #text, p{  
    color:rgb(122, 123, 139)  
}
```

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(122, 123, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 123, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 9.300, 289.019 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(122, 123, 139) }
```

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

```
.border{ border-color:rgb(122, 123, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 123, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 123, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 123, 139);  
box-shadow:4px 4px 4px 4px rgb(122, 123,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 9.300, 289.019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 123, 139) }
```

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

```
.background{ background-color: rgb(122,  
123, 139) }
```

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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