

Converting Colors

CIELCh(52, 9.209, 219.584)

Have a look what the booklet for
CIELCh(52, 9.209, 219.584) contains.

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Color

CIELCh(52, 9.130, 221.174)

Conversions

Conversions Part 1

Format	Color
Hex	698086
RGB	105, 128, 134
RGB Percent	41%, 50%, 53%
CMY	0.5884, 0.4982, 0.4747
CMYK	0.22, 0.04, 0.00, 0.47
HSL	192°, 12%, 47%
HSV	192°, 22%, 53%
XYZ	17.8311, 20.1443, 25.4831
YIQ	121.8070, -15.6340, -3.0100

Conversions

Conversions Part 2

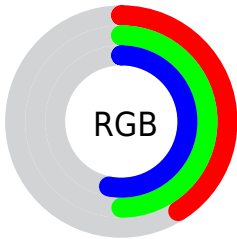
Format	Color
R _Y B	105, 118, 134
Decimal	6914182
CIE Lab	52.00, -6.87, -6.01
CIE LCh	52, 9.130, 221.174
Yxy	20.1443, 0.2810, 0.3174
Android (android.graphics.Color)	4285104262 (0xFF698086)
YUV	121.8070, 6.0111, -14.7397
Hunter-Lab	44.8824, -7.6288, -2.2457

Details

The CIELCh color **52, 9.130, 221.174** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **49, 10.477, 39.888**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 9.046, 220.062**, and **32, 9.061, 218.880** is the 20% darker color. If you saturate the color by 10%, you get **50, 12.916, 221.820**, and if you desaturate by 10%, it is **54, 5.049, 220.723**.

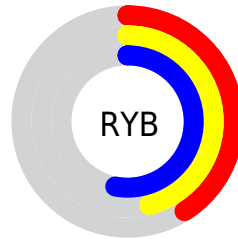
Distribution



Red (41%)

Green (50%)

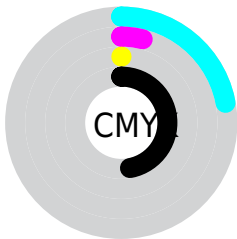
Blue (53%)



Red (41%)

Yellow (46%)

Blue (53%)

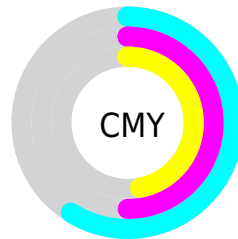


Cyan (22%)

Magenta (4%)

Yellow (0%)

Black (47%)



Cyan (59%)

Magenta (50%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 9.130, 221.174 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, 9.130, 221.174 by changing the saturation by 10% instead.

■ 52, 9.130, 221.174

■ 52, 9.130, 221.174

■ 100, 9.130,
221.174

■ 42, 9.130, 221.174

■ 72, 9.130, 221.174

■ 32, 9.130, 221.174

■ 82, 9.130, 221.174

■ 22, 9.130, 221.174

■ 92, 9.130, 221.174

■ 12, 9.130, 221.174

■ 2, 9.130, 221.174

■ 0, 9.130, 221.174

■ 52, 9.130, 221.174

■ 52, 9.130, 221.174

■ 50, 12.916,
221.820

■ 54, 5.049, 220.723

■ 56, 0.733, 220.862

49, 16.347,
222.715

57, 3.769, 39.990

47, 19.361,
223.907

59, 8.411, 39.924

46, 21.906,
225.462

61, 13.155, 39.886

45, 23.946,
227.456

64, 17.972, 39.892

43, 25.479,
229.966

66, 22.836, 39.935

42, 26.539,
233.057

68, 27.727, 40.008

41, 27.255,
235.880

Harmonies

Complementary

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



52, 9.130, 221.174



49, 10.477, 39.888

Rectangle

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



52, 9.130, 221.174



52, 9.130, 271.174



52, 9.130, 41.174



52, 9.130, 91.174

Sweetspot

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



52, 9.130, 221.167



69, 3.254, 220.594



53, 17.790, 149.058



36, 2.147, 220.600



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



52, 9.130, 221.167



65, 13.332, 221.461



48, 12.312, 276.643



27, 2.440, 220.648



40, 26.672, 235.756



0, 0.597, 220.287

Inverse Universe

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



48, 17.777, 332.089



59, 26.375, 332.410



53, 12.270, 91.091



26, 4.566, 331.286



29, 60.010, 338.209



0, 1.087, 330.765

Previews

White Background



This preview shows how the CIE LCh color 52, 9.130, 221.174 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, 9.130, 221.174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

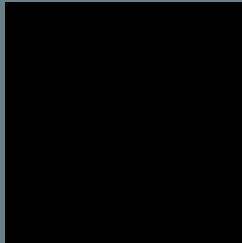
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

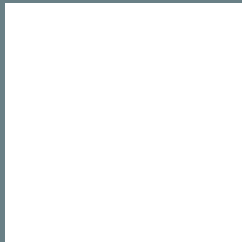
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 52, 9.130, 221.174

Background



This preview shows how black text looks on a background with the CIELCh color 52, 9.130, 221.174.



This preview shows how white text looks on a background with the CIELCh color 52, 9.130, 221.174.

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

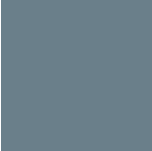
52, 9.130, 221.174

Protanopia

52, 4.675, 295.556

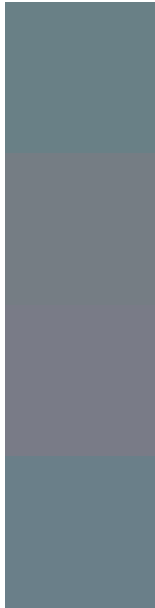
Deuteranopia

52, 10.134, 313.776



Tritanopia
52, 9.852, 239.443

Trichromacy



Original Color
52, 9.130, 221.174

Protanomaly
52, 5.040, 253.175

Deuteranomaly
52, 7.005, 284.794

Tritanomaly
52, 9.526, 236.550

Monochromacy



Original Color
52, 9.130, 221.174

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 3.314, 219.800

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 9.130, 221.174 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(105, 128, 134)` looks like.

```
.text, #text, p{  
    color:rgb(105, 128, 134)  
}
```

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(105, 128, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 128, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 9.130, 221.174 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(105, 128, 134) }
```

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

```
.border{ border-color:rgb(105, 128, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 128, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 128, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 128, 134);  
box-shadow:4px 4px 4px 4px rgb(105, 128,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 9.130, 221.174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 128, 134) }
```

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

```
.background{ background-color: rgb(105,  
128, 134) }
```

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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