

Converting Colors

CIELCh(53, 9.058, 332.716)

Have a look what the booklet for
CIELCh(53, 9.058, 332.716) contains.

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Color

CIELCh(53, 9.421, 333.045)

Conversions

Conversions Part 1

Format	Color
Hex	8A7A86
RGB	138, 122, 134
RGB Percent	54%, 48%, 53%
CMY	0.4588, 0.5215, 0.4745
CMYK	0.00, 0.12, 0.03, 0.46
HSL	315°, 6%, 51%
HSV	315°, 12%, 54%
XYZ	21.7465, 21.0462, 25.4731
YIQ	128.1520, 5.6840, 7.1240

Conversions

Conversions Part 2

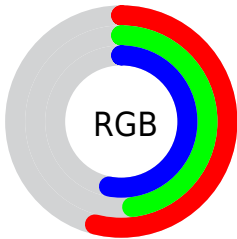
Format	Color
R_{YB}	138, 122, 134
Decimal	9075334
CIE _{Lab}	53.00, 8.40, -4.27
CIE _{LCh}	53, 9.421, 333.045
Yxy	21.0462, 0.3186, 0.3083
Android (android.graphics.Color)	4287265414 (0xFF8A7A86)
YUV	128.1520, 2.8831, 8.6367
Hunter-Lab	45.8761, 4.3305, -0.8080

Details

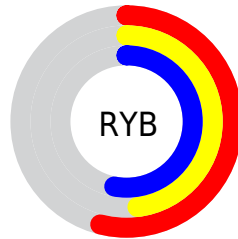
The CIELCh color $53, 9.421, 333.045$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $56, 9.379, 151.600$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 9.512, 332.326$, and $33, 9.478, 334.005$ is the 20% darker color. If you saturate the color by 10%, you get $49, 17.628, 333.722$, and if you desaturate by 10%, it is $57, 1.288, 332.249$.

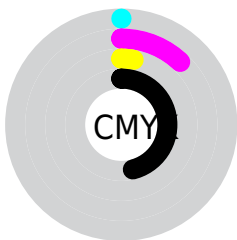
Distribution



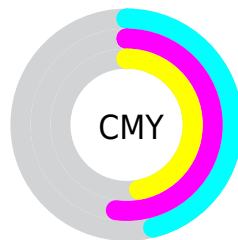
- Red (54%)
- Green (48%)
- Blue (53%)



- Red (54%)
- Yellow (48%)
- Blue (53%)



- Cyan (0%)
- Magenta (12%)
- Yellow (3%)
- Black (46%)



- Cyan (46%)
- Magenta (52%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 9.421, 333.045 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 53, 9.421, 333.045 by changing the saturation by 10% instead.

■ 53, 9.421, 333.045

■ 53, 9.421, 333.045

■ 100, 9.421,
333.045

■ 43, 9.421, 333.045

■ 73, 9.421, 333.045

■ 33, 9.421, 333.045

■ 83, 9.421, 333.045

■ 23, 9.421, 333.045

■ 93, 9.421, 333.045

■ 13, 9.421, 333.045

■ 3, 9.421, 333.045

■ 0, 9.421, 333.045

■ 53, 9.421, 333.045

■ 53, 9.421, 333.045

■ 49, 17.628,
333.722

■ 57, 1.288, 332.249

■ 61, 6.689, 151.876

46, 25.791,
334.423

65, 14.466,
151.285

42, 33.725,
335.159

69, 22.023,
150.738

39, 41.180,
335.937

73, 29.351,
150.224

36, 47.836,
336.771

77, 36.454,
149.739

34, 53.335,
337.683

81, 43.340,
149.281

32, 57.339,
338.706

85, 50.021,
148.850

31, 59.632,
339.887

89, 56.510,
148.444

30, 60.711,
340.971

Harmonies

Complementary

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



53, 9.421, 333.045



56, 9.379, 151.600

Rectangle

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



53, 9.421, 333.045



53, 9.421, 23.045



53, 9.421, 153.045



53, 9.421, 203.045

Sweetspot

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



53, 9.419, 333.046



71, 2.991, 332.432



52, 9.453, 300.645



37, 2.259, 332.498



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



53, 9.419, 333.046



66, 14.058, 333.228



53, 6.873, 0.546



27, 4.569, 332.882



29, 59.016, 340.910



0, 2.107, 332.338

Inverse Universe

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



53, 9.419, 333.046



66, 14.058, 333.228



56, 6.617, 178.544



27, 4.569, 332.882



29, 59.016, 340.910



0, 2.107, 332.338

Previews

White Background



This preview shows how the CIELCh color 53, 9.421, 333.045 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 53, 9.421, 333.045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

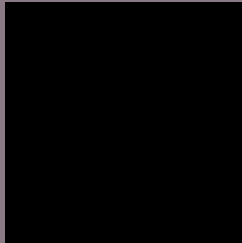
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 9.421, 333.045

Background



This preview shows how black text looks on a background with the CIELCh color 53, 9.421, 333.045.



This preview shows how white text looks on a background with the CIELCh color 53, 9.421, 333.045.

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

53, 9.421, 333.045

Protanopia

53, 5.790, 290.903

Deuteranopia

53, 8.206, 329.493



Tritanopia
53, 8.621, 338.285

Trichromacy



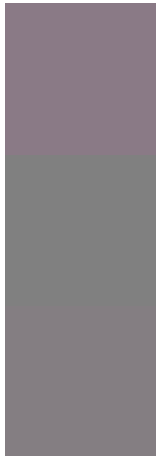
Original Color
53, 9.421, 333.045

Protanomaly
53, 6.136, 309.370

Deuteranomaly
53, 8.459, 331.626

Tritanomaly
53, 9.011, 335.546

Monochromacy



Original Color
53, 9.421, 333.045

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 3.338, 335.893

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 9.421, 333.045 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(138, 122, 134)` looks like.

```
.text, #text, p{  
    color:rgb(138, 122, 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(138, 122, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 122, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 9.421, 333.045 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(138, 122, 134) }
```

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

```
.border{ border-color:rgb(138, 122, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 122, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 122, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 122, 134);  
box-shadow:4px 4px 4px 4px rgb(138, 122,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 9.421, 333.045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 122, 134) }
```

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

```
.background{ background-color: rgb(138,  
122, 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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