

Converting Colors

CIELCh(53, 9.100, 340.850)

Have a look what the booklet for
CIELCh(53, 9.100, 340.850) contains.

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Color

CIELCh(53, 8.920, 340.069)

Conversions

Conversions Part 1

Format	Color
Hex	8B7A84
RGB	139, 122, 132
RGB Percent	55%, 48%, 52%
CMY	0.4552, 0.5219, 0.4827
CMYK	0.00, 0.12, 0.05, 0.46
HSL	325°, 7%, 51%
HSV	325°, 12%, 54%
XYZ	21.7440, 21.0462, 24.7182
YIQ	128.2230, 6.9220, 6.7140

Conversions

Conversions Part 2

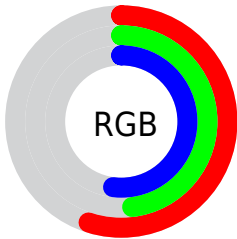
Format	Color
R_{YB}	139, 122, 132
Decimal	9140868
CIE Lab	53.00, 8.39, -3.04
CIE LCh	53, 8.920, 340.069
Yxy	21.0462, 0.3221, 0.3118
Android (android.graphics.Color)	4287330948 (0xFF8B7A84)
YUV	128.2230, 1.8621, 9.4514
Hunter-Lab	45.8761, 4.3207, 0.1677

Details

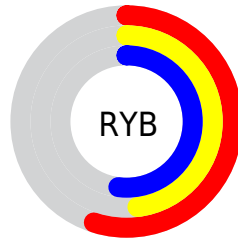
The CIELCh color $53, 8.920, 340.069$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $56, 8.828, 158.290$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 9.306, 340.347$, and $33, 9.357, 338.716$ is the 20% darker color. If you saturate the color by 10%, you get $49, 16.325, 340.905$, and if you desaturate by 10%, it is $57, 1.616, 339.173$.

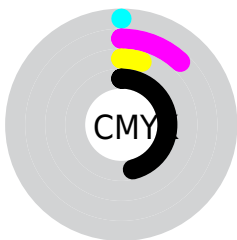
Distribution



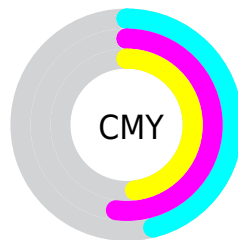
- Red (55%)
- Green (48%)
- Blue (52%)



- Red (55%)
- Yellow (48%)
- Blue (52%)



- Cyan (0%)
- Magenta (12%)
- Yellow (5%)
- Black (46%)



- Cyan (46%)
- Magenta (52%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 8.920, 340.069 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, 8.920, 340.069 by changing the saturation by 10% instead.

■ 53, 8.920, 340.069

■ 53, 8.920, 340.069

■ 100, 8.920,
340.069

■ 43, 8.920, 340.069

■ 73, 8.920, 340.069

■ 33, 8.920, 340.069

■ 83, 8.920, 340.069

■ 23, 8.920, 340.069

■ 93, 8.920, 340.069

■ 13, 8.920, 340.069

■ 3, 8.920, 340.069

■ 0, 8.920, 340.069

■ 53, 8.920, 340.069

■ 53, 8.920, 340.069

■ 49, 16.325,
340.905

■ 57, 1.616, 339.173

■ 61, 5.518, 158.706

45, 23.727,
341.810

65, 12.448,
158.029

42, 30.957,
342.812

69, 19.161,
157.418

39, 37.779,
343.947

73, 25.654,
156.850

36, 43.885,
345.259

77, 31.934,
156.320

34, 48.922,
346.818

81, 38.013,
155.824

32, 52.560,
348.717

86, 43.903,
155.359

30, 54.600,
351.069

90, 49.617,
154.923

30, 55.565,
353.108

Harmonies

Complementary

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



53, 8.920, 340.069



56, 8.828, 158.290

Rectangle

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



53, 8.920, 340.069



53, 8.920, 30.069



53, 8.920, 160.069



53, 8.920, 210.069

Sweetspot

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



53, 8.918, 340.072



72, 3.593, 339.389



52, 10.253, 306.102



38, 2.575, 339.454



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



53, 8.918, 340.072



66, 13.609, 340.324



53, 6.993, 12.105



27, 4.072, 339.822



28, 53.761, 352.956



0, 1.873, 339.185

Inverse Universe

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



53, 8.918, 340.072



66, 13.609, 340.324



56, 6.579, 190.298



27, 4.072, 339.822



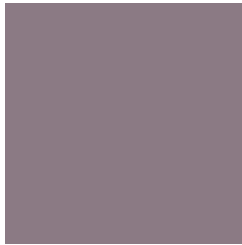
28, 53.761, 352.956



0, 1.873, 339.185

Previews

White Background



This preview shows how the CIELCh color 53, 8.920, 340.069 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, 8.920, 340.069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

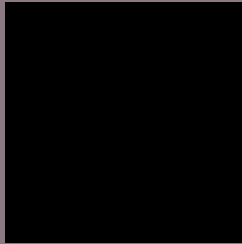
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 8.920, 340.069

Background



This preview shows how black text looks on a background with the CIELCh color 53, 8.920, 340.069.



This preview shows how white text looks on a background with the CIELCh color 53, 8.920, 340.069.

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, 8.920, 340.069

Protanopia

53, 4.655, 295.546

Deuteranopia

53, 7.640, 337.372



Tritanopia
53, 8.920, 340.069

Trichromacy



Original Color
53, 8.920, 340.069

Protanomaly
53, 5.223, 317.513

Deuteranomaly
53, 7.936, 339.395

Tritanomaly
53, 8.920, 340.069

Monochromacy



Original Color
53, 8.920, 340.069

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 2.967, 343.908

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 8.920, 340.069 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(139, 122, 132)` looks like.

```
.text, #text, p{  
    color:rgb(139, 122, 132)  
}
```

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(139, 122, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 122, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 8.920, 340.069 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(139, 122, 132) }
```

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

```
.border{ border-color:rgb(139, 122, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 122, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 122, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 122, 132);  
box-shadow:4px 4px 4px 4px rgb(139, 122,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 8.920, 340.069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 122, 132) }
```

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

```
.background{ background-color: rgb(139,  
122, 132) }
```

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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