

Converting Colors

CIELCh(53, 11.989, 331.181)

Have a look what the booklet for
CIELCh(53, 11.989, 331.181)
contains.

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Color

CIELCh(53, 11.923, 329.875)

Conversions

Conversions Part 1

Format	Color
Hex	8C7989
RGB	140, 121, 137
RGB Percent	55%, 47%, 54%
CMY	0.4511, 0.5256, 0.4629
CMYK	0.00, 0.14, 0.02, 0.45
HSL	309°, 8%, 51%
HSV	309°, 14%, 55%
XYZ	22.1576, 21.0462, 26.5506
YIQ	128.5050, 6.1880, 9.0040

Conversions

Conversions Part 2

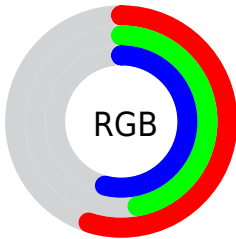
Format	Color
R_{YB}	140, 121, 137
Decimal	9206153
CIE Lab	53.00, 10.31, -5.98
CIE LCh	53, 11.923, 329.875
Yxy	21.0462, 0.3177, 0.3017
Android (android.graphics.Color)	4287396233 (0xFF8C7989)
YUV	128.5050, 4.1880, 10.0811
Hunter-Lab	45.8761, 5.9301, -2.2005

Details

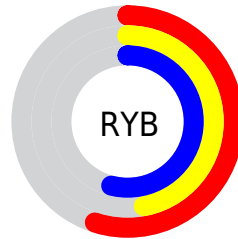
The CIELCh color $53, 11.923, 329.875$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $56, 11.890, 148.265$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 12.111, 330.838$, and $33, 12.170, 330.507$ is the 20% darker color. If you saturate the color by 10%, you get $49, 20.768, 330.487$, and if you desaturate by 10%, it is $57, 3.120, 329.235$.

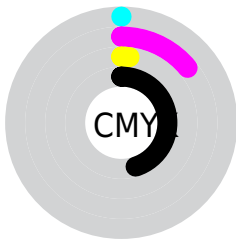
Distribution



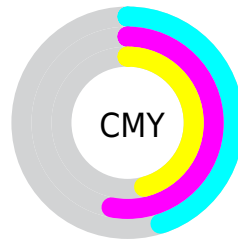
- Red (55%)
- Green (47%)
- Blue (54%)



- Red (55%)
- Yellow (47%)
- Blue (54%)



- Cyan (0%)
- Magenta (14%)
- Yellow (2%)
- Black (45%)





- Cyan (45%)
- Magenta (53%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 11.923, 329.875 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, 11.923, 329.875 by changing the saturation by 10% instead.


 53, 11.923,
329.875


 53, 11.923,
329.875


 100, 11.923,
329.875


 43, 11.923,
329.875


 73, 11.923,
329.875

 33, 11.923,
329.875

 83, 11.923,
329.875

 23, 11.923,
329.875

 93, 11.923,
329.875

 13, 11.923,
329.875

 3, 11.923, 329.875

 0, 11.923, 329.875

53, 11.923,
329.875

53, 11.923,
329.875

49, 20.768,
330.487

57, 3.120, 329.235

46, 29.514,
331.106

61, 5.541, 148.782

42, 37.949,
331.731

65, 14.003,
148.213

39, 45.793,
332.362

69, 22.234,
147.687

37, 52.708,
332.999

73, 30.223,
147.189

35, 58.327,
333.647

77, 37.968,
146.719


33, 62.338,
334.319


81, 45.476,
146.274

32, 64.576,

85, 52.756,
145.856

335.036

 89, 59.822,
145.461

 32, 65.554,
335.508

Harmonies

Complementary

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



53, 11.923, 329.875



56, 11.890, 148.265

Rectangle

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



53, 11.923, 329.875



53, 11.923, 19.875



53, 11.923, 149.875



53, 11.923, 199.875

Sweetspot

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



53, 11.921, 329.876



72, 4.311, 329.274



52, 11.136, 297.118



38, 3.089, 329.323



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, 11.921, 329.876



66, 17.361, 330.044



53, 8.575, 353.808



27, 4.878, 329.604



30, 63.069, 335.465



0, 2.251, 329.099

Inverse Universe

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



53, 11.921, 329.876



66, 17.361, 330.044



57, 8.310, 171.415



27, 4.878, 329.604



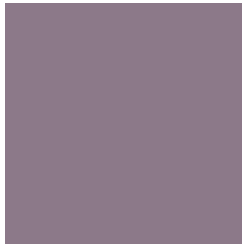
30, 63.069, 335.465



0, 2.251, 329.099

Previews

White Background



This preview shows how the CIELCh color 53, 11.923, 329.875 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, 11.923, 329.875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

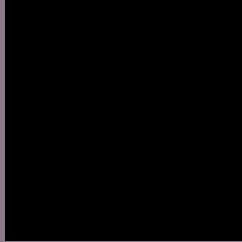
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 11.923, 329.875

Background



This preview shows how black text looks on a background with the CIELCh color 53, 11.923, 329.875.



This preview shows how white text looks on a background with the CIELCh color 53, 11.923, 329.875.

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, 11.923, 329.875

Protanopia

53, 8.105, 288.501

Deuteranopia

53, 9.215, 318.797



Tritanopia
53, 8.567, 343.037

Trichromacy



Original Color
53, 11.923, 329.875

Protanomaly
53, 9.028, 306.026

Deuteranomaly
53, 10.310, 323.158

Tritanomaly
53, 9.296, 337.339

Monochromacy



Original Color
53, 11.923, 329.875

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 4.465, 328.865

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 11.923, 329.875 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(140, 121, 137)` looks like.

```
.text, #text, p{  
    color:rgb(140, 121, 137)  
}
```

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(140, 121, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 121, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 11.923, 329.875 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(140, 121, 137) }
```

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

```
.border{ border-color:rgb(140, 121, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 121, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 121, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 121, 137);  
box-shadow:4px 4px 4px 4px rgb(140, 121,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 11.923, 329.875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 121, 137) }
```

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

```
.background{ background-color: rgb(140,  
121, 137) }
```

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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