

Converting Colors

CIELCh(53, 11.116, 318.242)

Have a look what the booklet for
CIELCh(53, 11.116, 318.242)
contains.

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Color

CIELCh(53, 11.116, 318.242)

Conversions

Conversions Part 1

Format	Color
Hex	877A8B
RGB	135, 122, 139
RGB Percent	53%, 48%, 55%
CMY	0.4693, 0.5203, 0.4537
CMYK	0.03, 0.12, 0.00, 0.45
HSL	286°, 7%, 51%
HSV	286°, 12%, 55%
XYZ	21.7240, 21.0462, 27.4655
YIQ	127.8250, 2.2910, 8.0430

Conversions

Conversions Part 2

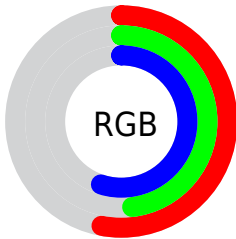
Format	Color
R_{YB}	135, 122, 139
Decimal	8878731
CIE Lab	53.00, 8.29, -7.40
CIE LCh	53, 11.116, 318.242
Yxy	21.0462, 0.3093, 0.2997
Android (android.graphics.Color)	4287068811 (0xFF877A8B)
YUV	127.8250, 5.5093, 6.2925
Hunter-Lab	45.8761, 4.2430, -3.3830

Details

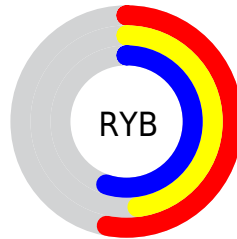
The CIELCh color $53, 11.116, 318.242$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $57, 11.032, 137.221$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 11.104, 318.529$, and $33, 11.326, 317.998$ is the 20% darker color. If you saturate the color by 10%, you get $49, 20.375, 318.674$, and if you desaturate by 10%, it is $57, 1.994, 317.760$.

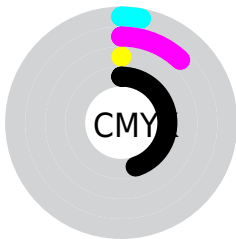
Distribution



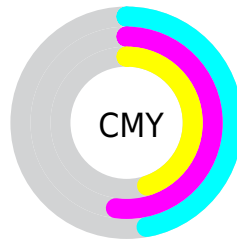
- Red (53%)
- Green (48%)
- Blue (55%)



- Red (53%)
- Yellow (48%)
- Blue (55%)



- Cyan (3%)
- Magenta (12%)
- Yellow (0%)
- Black (45%)





- Cyan (47%)
- Magenta (52%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 11.116, 318.242 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, 11.116, 318.242 by changing the saturation by 10% instead.


 53, 11.116,
318.242


 53, 11.116,
318.242


 100, 11.116,
318.242


 43, 11.116,
318.242


 73, 11.116,
318.242

 33, 11.116,
318.242

 83, 11.116,
318.242

 23, 11.116,
318.242

 93, 11.116,
318.242

 13, 11.116,
318.242

 3, 11.116, 318.242

 0, 11.116, 318.242

53, 11.116,
318.242

53, 11.116,
318.242

49, 20.375,
318.674

57, 1.994, 317.760

45, 29.680,
319.099

61, 6.931, 137.458

41, 38.883,
319.499

65, 15.628,
137.068

38, 47.761,
319.848

70, 24.085,
136.712

35, 56.012,
320.112

74, 32.298,
136.386

32, 63.251,
320.249

78, 40.271,
136.087


29, 69.059,
320.210

82, 48.012,
135.815

28, 73.084,

86, 55.532,
135.569

319.950

 90, 62.842,
135.347

 27, 75.461,
319.666

Harmonies

Complementary

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



53, 11.116, 318.242



57, 11.032, 137.221

Rectangle

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



53, 11.116, 318.242



53, 11.116, 8.242



53, 11.116, 138.242



53, 11.116, 188.242

Sweetspot

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



53, 11.114, 318.241



72, 4.480, 317.873



53, 7.520, 278.743



38, 3.210, 317.908



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, 11.114, 318.241



66, 16.960, 318.377



53, 9.999, 333.087



27, 5.076, 318.107



25, 72.791, 319.702



0, 2.337, 317.743

Inverse Universe

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



53, 7.260, 1.689



66, 11.129, 2.026



56, 9.956, 151.552



27, 3.301, 1.366



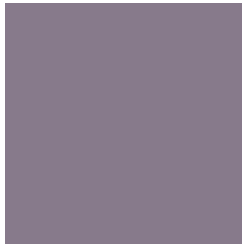
27, 55.235, 24.972



0, 1.501, 0.595

Previews

White Background



This preview shows how the CIE LCh color 53, 11.116, 318.242 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, 11.116, 318.242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

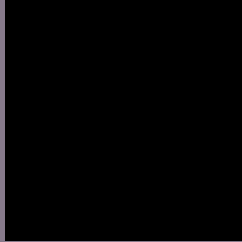
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 11.116, 318.242

Background



This preview shows how black text looks on a background with the CIELCh color 53, 11.116, 318.242.



This preview shows how white text looks on a background with the CIELCh color 53, 11.116, 318.242.

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

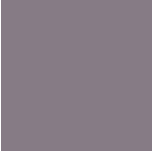
53, 11.116, 318.242

Protanopia

53, 8.700, 286.278

Deuteranopia

53, 10.091, 313.766



Tritanopia
53, 7.269, 327.423

Trichromacy



Original Color
53, 11.116, 318.242

Protanomaly
53, 8.783, 298.738

Deuteranomaly
53, 10.247, 315.789

Tritanomaly
53, 8.218, 322.583

Monochromacy



Original Color
53, 11.116, 318.242

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 4.012, 319.956

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 11.116, 318.242 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(135, 122, 139)` looks like.

```
.text, #text, p{  
    color:rgb(135, 122, 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(135, 122, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 122, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 11.116, 318.242 is called "border". The border property can be set on classes, ids or directly on the HTML element.

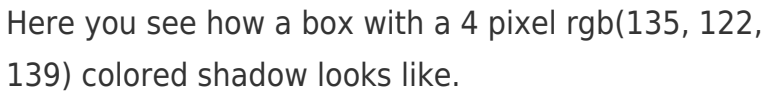
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(135, 122, 139) }
```

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

```
.border{ border-color:rgb(135, 122, 139) }
```

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



Here you see how a box with a 4 pixel `rgb(135, 122, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 122, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 122, 139);  
box-shadow:4px 4px 4px 4px rgb(135, 122,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 11.116, 318.242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 122, 139) }
```

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

```
.background{ background-color: rgb(135,  
122, 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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