

Converting Colors

CIELCh(53, 23.248, 312.718)

Have a look what the booklet for
CIELCh(53, 23.248, 312.718)
contains.

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Color

CIELCh(53, 23.571, 312.828)

Conversions

Conversions Part 1

Format	Color
Hex	8C769C
RGB	140, 118, 156
RGB Percent	55%, 46%, 61%
CMY	0.4497, 0.5360, 0.3869
CMYK	0.10, 0.24, 0.00, 0.39
HSL	275°, 16%, 54%
HSV	275°, 24%, 61%
XYZ	23.4143, 21.0462, 34.4273
YIQ	128.9100, 0.9140, 16.4820

Conversions

Conversions Part 2

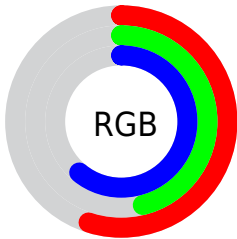
Format	Color
R _Y B	140, 118, 156
Decimal	9205404
CIE Lab	53.00, 16.02, -17.29
CIE LCh	53, 23.571, 312.828
Yxy	21.0462, 0.2968, 0.2668
Android (android.graphics.Color)	4287395484 (0xFF8C769C)
YUV	128.9100, 13.3554, 9.7259
Hunter-Lab	45.8761, 10.8197, -12.3803

Details

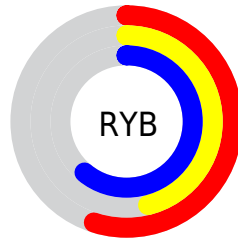
The CIELCh color $53, 23.571, 312.828$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $62, 22.948, 130.718$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 23.959, 312.833$, and $33, 23.345, 312.009$ is the 20% darker color. If you saturate the color by 10%, you get $48, 33.569, 313.295$, and if you desaturate by 10%, it is $58, 13.719, 312.372$.

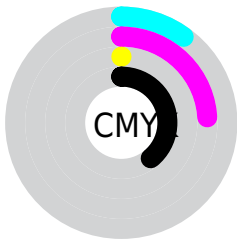
Distribution



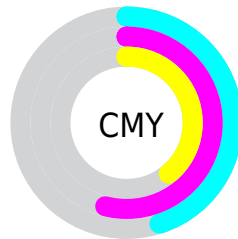
- Red (55%)
- Green (46%)
- Blue (61%)



- Red (55%)
- Yellow (46%)
- Blue (61%)



- Cyan (10%)
- Magenta (24%)
- Yellow (0%)
- Black (39%)





- Cyan (45%)
- Magenta (54%)
- Yellow (39%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 23.571, 312.828 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, 23.571, 312.828 by changing the saturation by 10% instead.

 53, 23.571,
312.828


 53, 23.571,
312.828


 100, 23.571,
312.828


 43, 23.571,
312.828


 73, 23.571,
312.828

 33, 23.571,
312.828

 83, 23.571,
312.828

 23, 23.571,
312.828

 93, 23.571,
312.828

 13, 23.571,
312.828

 3, 23.571, 312.828

 0, 23.571, 312.828

53, 23.571,
312.828

53, 23.571,
312.828

48, 33.569,
313.295

58, 13.719,
312.372

44, 43.593,
313.755

62, 4.087, 311.925

40, 53.436,
314.176

67, 5.290, 131.583

36, 62.777,
314.510

72, 14.399,
131.211

32, 71.156,
314.689

77, 23.237,
130.885

29, 78.005,
314.630

81, 31.811,
130.596


27, 82.781,
314.248

86, 40.129,
130.340

26, 85.028,

91, 48.204,
130.115

313.984

 94, 53.797,
129.390

Harmonies

Complementary

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



53, 23.571, 312.828



62, 22.948, 130.718

Rectangle

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



53, 23.571, 312.828



53, 23.571, 2.828



53, 23.571, 132.828



53, 23.571, 182.828

Sweetspot

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



53, 23.569, 312.828



78, 8.260, 312.054



56, 13.493, 265.881



41, 5.358, 312.077



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



53, 23.569, 312.828



65, 35.096, 313.073



55, 24.971, 327.628



31, 5.435, 312.147



23, 79.527, 314.071



1, 6.985, 310.764

Inverse Universe

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



54, 17.744, 350.441



66, 26.402, 351.047



61, 24.946, 144.678



31, 4.086, 348.893



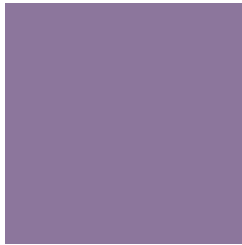
30, 54.856, 8.484



1, 5.203, 349.453

Previews

White Background



This preview shows how the CIELCh color 53, 23.571, 312.828 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 53, 23.571, 312.828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

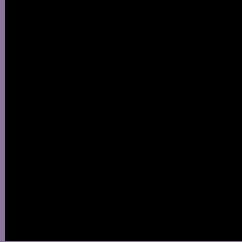
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 23.571, 312.828

Background



This preview shows how black text looks on a background with the CIELCh color 53, 23.571, 312.828.



This preview shows how white text looks on a background with the CIELCh color 53, 23.571, 312.828.

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, 23.571, 312.828

Protanopia

53, 20.912, 286.042

Deuteranopia

53, 17.972, 293.520



Tritanopia
53, 7.640, 337.372

Trichromacy



Original Color
53, 23.571, 312.828

Protanomaly
53, 20.918, 295.637

Deuteranomaly
53, 19.474, 302.176

Tritanomaly
53, 13.375, 320.907

Monochromacy



Original Color
53, 23.571, 312.828

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 8.707, 311.926

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 23.571, 312.828 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, 118, 156)` looks like.

```
.text, #text, p{  
    color:rgb(140, 118, 156)  
}
```

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, 118, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 118, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 23.571, 312.828 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, 118, 156) }
```

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

```
.border{ border-color:rgb(140, 118, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 118, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 118, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 118, 156);  
box-shadow:4px 4px 4px 4px rgb(140, 118,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 23.571, 312.828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 118, 156) }
```

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

```
.background{ background-color: rgb(140,  
118, 156) }
```

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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