

Converting Colors

CIELCh(53, 27.530, 333.375)

Have a look what the booklet for
CIELCh(53, 27.530, 333.375)
contains.

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Color

CIELCh(53, 27.405, 333.674)

Conversions

Conversions Part 1

Format	Color
Hex	9F7094
RGB	159, 112, 148
RGB Percent	62%, 44%, 58%
CMY	0.3771, 0.5613, 0.4202
CMYK	0.00, 0.30, 0.07, 0.38
HSL	314°, 20%, 53%
HSV	314°, 30%, 62%
XYZ	25.3805, 21.0462, 30.6808
YIQ	130.1570, 16.4560, 21.1600

Conversions

Conversions Part 2

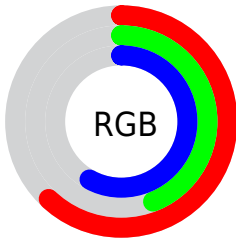
Format	Color
R_{YB}	159, 112, 148
Decimal	10449044
CIE _{Lab}	53.00, 24.56, -12.15
CIE _{LCh}	53, 27.405, 333.674
Yxy	21.0462, 0.3292, 0.2729
Android (android.graphics.Color)	4288639124 (0xFF9F7094)
YUV	130.1570, 8.7966, 25.2953
Hunter-Lab	45.8761, 18.4703, -7.5384

Details

The CIELCh color $53, 27.405, 333.674$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $61, 27.237, 149.518$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 27.481, 333.508$, and $33, 27.523, 334.122$ is the 20% darker color. If you saturate the color by 10%, you get $49, 36.453, 334.392$, and if you desaturate by 10%, it is $57, 18.126, 332.986$.

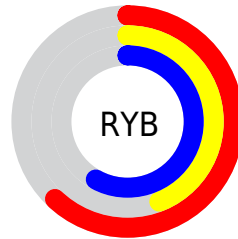
Distribution



Red (62%)

Green (44%)

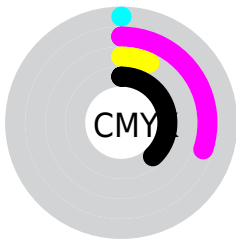
Blue (58%)



Red (62%)

Yellow (44%)

Blue (58%)

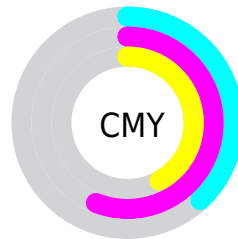


Cyan (0%)

Magenta (30%)

Yellow (7%)

Black (38%)



Cyan (38%)


Magenta (56%)

Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 27.405, 333.674 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, 27.405, 333.674 by changing the saturation by 10% instead.


 53, 27.405,
333.674


 53, 27.405,
333.674


 100, 27.405,
333.674


 43, 27.405,
333.674


 73, 27.405,
333.674

 33, 27.405,
333.674

 83, 27.405,
333.674

 23, 27.405,
333.674

 93, 27.405,
333.674

 13, 27.405,
333.674

 3, 27.405, 333.674

 0, 27.405, 333.674

53, 27.405,
333.674

53, 27.405,
333.674

49, 36.453,
334.392

57, 18.126,
332.986

46, 44.999,
335.145

61, 8.822, 332.316

66, 0.376, 152.437

43, 52.683,
335.944

70, 9.386, 151.156

40, 59.095,
336.806

75, 18.162,
150.577

38, 63.841,
337.760

79, 26.682,
150.037

36, 66.652,
338.847


84, 34.941,
149.528

36, 67.854,
340.076

88, 42.944,
149.047

36, 67.901,

340.128

 93, 50.701,
148.595

Harmonies

Complementary

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



53, 27.405, 333.674



61, 27.237, 149.518

Rectangle

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



53, 27.405, 333.674



53, 27.405, 23.674



53, 27.405, 153.674



53, 27.405, 203.674

Sweetspot

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



53, 27.403, 333.675



78, 10.261, 332.289



50, 27.918, 301.507



41, 7.194, 332.382



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



53, 27.403, 333.675



65, 40.049, 334.108



52, 20.524, 1.518



31, 5.186, 332.294



32, 62.903, 339.992



1, 6.575, 333.037

Inverse Universe

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



53, 27.403, 333.675



65, 40.049, 334.108



62, 18.636, 175.496



31, 5.186, 332.294



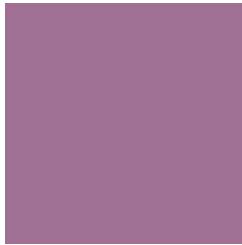
32, 62.903, 339.992



1, 6.575, 333.037

Previews

White Background



This preview shows how the CIELCh color 53, 27.405, 333.674 looks on a white background.

Color Contrast Check

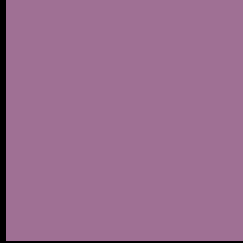
Large Text (above 18pt) WCAG AA ✓ Pass

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, 27.405, 333.674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

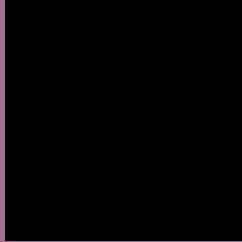
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 27.405, 333.674

Background



This preview shows how black text looks on a background with the CIELCh color 53, 27.405, 333.674.



This preview shows how white text looks on a background with the CIELCh color 53, 27.405, 333.674.

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, 27.405, 333.674

Protanopia

53, 18.033, 284.479

Deuteranopia

53, 12.981, 301.718



Tritanopia
53, 17.179, 4.040

Trichromacy



Original Color
53, 27.405, 333.674

Protanomaly
53, 19.717, 305.368

Deuteranomaly
53, 17.458, 317.767

Tritanomaly
53, 20.346, 349.507

Monochromacy



Original Color
53, 27.405, 333.674

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 10.092, 332.527

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 27.405, 333.674 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(159, 112, 148)` looks like.

```
.text, #text, p{  
    color:rgb(159, 112, 148)  
}
```

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(159, 112, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 112, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 27.405, 333.674 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(159, 112, 148) }
```

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

```
.border{ border-color:rgb(159, 112, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 112, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 112, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 112, 148);  
box-shadow:4px 4px 4px 4px rgb(159, 112,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 27.405, 333.674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 112, 148) }
```

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

```
.background{ background-color: rgb(159,  
112, 148) }
```

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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