

Converting Colors

CIELCh(53, 27.595, 331.768)

Have a look what the booklet for
CIELCh(53, 27.595, 331.768)
contains.

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Color

CIELCh(53, 27.578, 332.192)

Conversions

Conversions Part 1

Format	Color
Hex	9E7095
RGB	158, 112, 149
RGB Percent	62%, 44%, 58%
CMY	0.3802, 0.5606, 0.4155
CMYK	0.00, 0.29, 0.06, 0.38
HSL	312°, 19%, 53%
HSV	312°, 29%, 62%
XYZ	25.3405, 21.0462, 31.1833
YIQ	129.9720, 15.5390, 21.2590

Conversions

Conversions Part 2

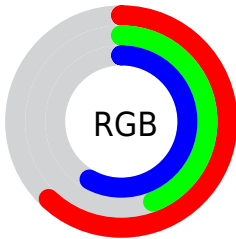
Format	Color
R_{YB}	158, 112, 149
Decimal	10383509
CIE _{Lab}	53.00, 24.39, -12.87
CIE _{LCh}	53, 27.578, 332.192
Yxy	21.0462, 0.3267, 0.2713
Android (android.graphics.Color)	4288573589 (0xFF9E7095)
YUV	129.9720, 9.3808, 24.5806
Hunter-Lab	45.8761, 18.3144, -8.1878

Details

The CIELCh color $53, 27.578, 332.192$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $61, 27.462, 148.244$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 27.638, 332.131$, and $33, 27.725, 332.495$ is the 20% darker color. If you saturate the color by 10%, you get $49, 36.834, 332.863$, and if you desaturate by 10%, it is $57, 18.091, 331.540$.

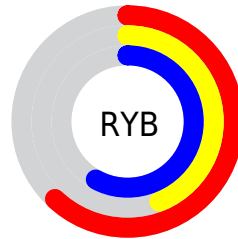
Distribution



Red (62%)

Green (44%)

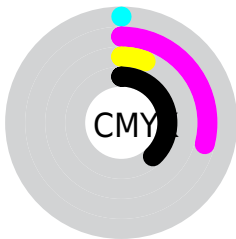
Blue (58%)



Red (62%)

Yellow (44%)

Blue (58%)

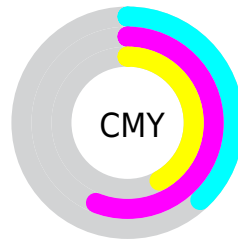


Cyan (0%)

Magenta (29%)

Yellow (6%)

Black (38%)



Cyan (38%)


Magenta (56%)


Yellow (42%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 27.578, 332.192 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, 27.578, 332.192 by changing the saturation by 10% instead.


 53, 27.578,
332.192


 53, 27.578,
332.192


 100, 27.578,
332.192


 43, 27.578,
332.192


 73, 27.578,
332.192

 33, 27.578,
332.192

 83, 27.578,
332.192

 23, 27.578,
332.192

 93, 27.578,
332.192

 13, 27.578,
332.192

 3, 27.578, 332.192

 0, 27.578, 332.192

53, 27.578,
332.192

53, 27.578,
332.192

49, 36.834,
332.863

57, 18.091,
331.540

46, 45.586,
333.552

61, 8.577, 330.898

66, 0.829, 150.638

43, 53.476,
334.266

70, 10.046,
149.775

40, 60.099,
335.014

74, 19.026,
149.212

38, 65.060,
335.813

79, 27.745,
148.685

37, 68.090,
336.694


83, 36.199,
148.187

36, 69.452,
337.667

88, 44.391,
147.717

36, 69.561,

337.755

 92, 52.332,
147.273

Harmonies

Complementary

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



53, 27.578, 332.192



61, 27.462, 148.244

Rectangle

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



53, 27.578, 332.192



53, 27.578, 22.192



53, 27.578, 152.192



53, 27.578, 202.192

Sweetspot

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



53, 27.576, 332.192



78, 10.545, 330.903



50, 27.236, 299.771



41, 7.392, 330.992



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, 27.576, 332.192



65, 41.114, 332.631



52, 20.473, 357.901



31, 5.329, 330.908



32, 64.663, 337.655



1, 6.771, 331.514

Inverse Universe

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



53, 27.576, 332.192



65, 41.114, 332.631



62, 18.918, 172.020



31, 5.329, 330.908



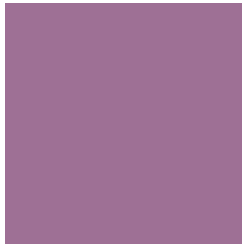
32, 64.663, 337.655



1, 6.771, 331.514

Previews

White Background



This preview shows how the CIELCh color 53, 27.578, 332.192 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, 27.578, 332.192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

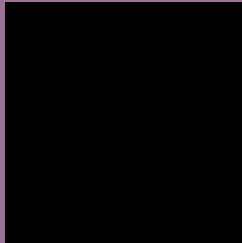
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 27.578, 332.192

Background



This preview shows how black text looks on a background with the CIELCh color 53, 27.578, 332.192.



This preview shows how white text looks on a background with the CIELCh color 53, 27.578, 332.192.

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, 27.578, 332.192

Protanopia

53, 18.602, 284.817

Deuteranopia

53, 13.550, 301.331



Tritanopia
53, 16.781, 3.548

Trichromacy



Original Color
53, 27.578, 332.192

Protanomaly
53, 20.278, 305.029

Deuteranomaly
53, 17.972, 316.960

Tritanomaly
53, 19.649, 348.090

Monochromacy



Original Color
53, 27.578, 332.192

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 10.521, 330.417

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 27.578, 332.192 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(158, 112, 149)` looks like.

```
.text, #text, p{  
    color:rgb(158, 112, 149)  
}
```

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(158, 112, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 112, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 27.578, 332.192 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(158, 112, 149) }
```

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

```
.border{ border-color:rgb(158, 112, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 112, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 112, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 112, 149);  
box-shadow:4px 4px 4px 4px rgb(158, 112,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 27.578, 332.192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 112, 149) }
```

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

```
.background{ background-color: rgb(158,  
112, 149) }
```

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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