

Converting Colors

CIELCh(53, 27.435, 337.362)

Have a look what the booklet for
CIELCh(53, 27.435, 337.362)
contains.

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Color

CIELCh(53, 27.413, 337.368)

Conversions

Conversions Part 1

Format	Color
Hex	A16F91
RGB	161, 111, 145
RGB Percent	63%, 44%, 57%
CMY	0.3680, 0.5641, 0.4307
CMYK	0.00, 0.31, 0.10, 0.37
HSL	319°, 21%, 53%
HSV	319°, 31%, 63%
XYZ	25.5558, 21.0462, 29.5681
YIQ	129.8260, 18.8860, 21.1740

Conversions

Conversions Part 2

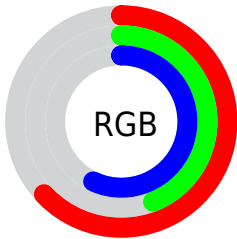
Format	Color
R_{YB}	161, 111, 145
Decimal	10579857
CIE _{Lab}	53.00, 25.30, -10.55
CIE _{LCh}	53, 27.413, 337.368
Yxy	21.0462, 0.3355, 0.2763
Android (android.graphics.Color)	4288769937 (0xFFA16F91)
YUV	129.8260, 7.4808, 27.3396
Hunter-Lab	45.8761, 19.1522, -6.1004

Details

The CIELCh color **53, 27.413, 337.368** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **62, 27.070, 152.602**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 27.499, 336.921**, and **33, 27.632, 336.537** is the 20% darker color. If you saturate the color by 10%, you get **49, 36.038, 338.218**, and if you desaturate by 10%, it is **57, 18.556, 336.580**.

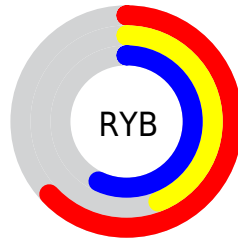
Distribution



Red (63%)

Green (44%)

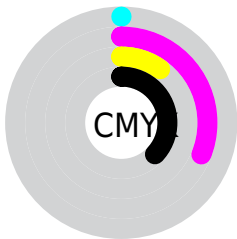
Blue (57%)



Red (63%)

Yellow (44%)

Blue (57%)

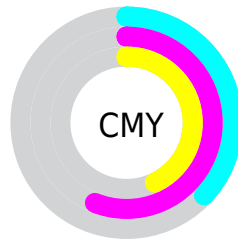


Cyan (0%)

Magenta (31%)

Yellow (10%)

Black (37%)



Cyan (37%)


Magenta (56%)


Yellow (43%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 27.413, 337.368 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, 27.413, 337.368 by changing the saturation by 10% instead.


 53, 27.413,
337.368


 53, 27.413,
337.368


 100, 27.413,
337.368


 43, 27.413,
337.368


 73, 27.413,
337.368

 33, 27.413,
337.368

 83, 27.413,
337.368

 23, 27.413,
337.368

 93, 27.413,
337.368

 13, 27.413,
337.368

 3, 27.413, 337.368

 0, 27.413, 337.368

53, 27.413,
337.368

53, 27.413,
337.368

49, 36.038,
338.218

57, 18.556,
336.580

46, 44.154,
339.146

61, 9.675, 335.834

66, 0.900, 334.852

42, 51.396,
340.180

70, 7.689, 154.573

40, 57.347,
341.361

75, 16.047,
153.947

38, 61.615,
342.747

79, 24.153,
153.371

36, 63.953,
344.417

84, 32.005,
152.832

35, 64.815,
346.141

89, 39.608,
152.326

■ 93, 46.281,
152.048

Harmonies

Complementary

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



53, 27.413, 337.368



62, 27.070, 152.602

Rectangle

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



53, 27.413, 337.368



53, 27.413, 27.368



53, 27.413, 157.368



53, 27.413, 207.368

Sweetspot

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



53, 27.411, 337.369



79, 9.746, 335.697



50, 29.929, 304.436



41, 6.766, 335.798



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, 27.411, 337.369



65, 40.287, 337.927



52, 21.389, 7.915



32, 5.007, 335.705



32, 60.190, 345.934



1, 7.420, 337.596

Inverse Universe

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



53, 27.411, 337.369



65, 40.287, 337.927



63, 18.716, 181.757



32, 5.007, 335.705



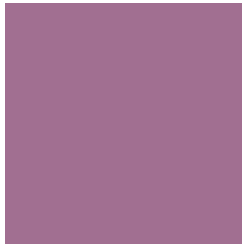
32, 60.190, 345.934



1, 7.420, 337.596

Previews

White Background



This preview shows how the CIELCh color 53, 27.413, 337.368 looks on a white background.

Color Contrast Check

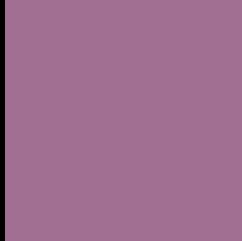
Large Text (above 18pt) WCAG AA ✓ Pass

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, 27.413, 337.368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

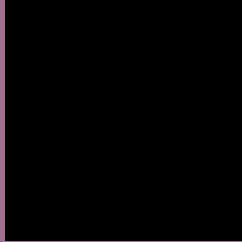
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 27.413, 337.368

Background



This preview shows how black text looks on a background with the CIELCh color 53, 27.413, 337.368.



This preview shows how white text looks on a background with the CIELCh color 53, 27.413, 337.368.

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, 27.413, 337.368

Protanopia

53, 16.855, 284.931

Deuteranopia

53, 11.461, 306.903



Tritanopia
53, 18.812, 5.842

Trichromacy



Original Color
53, 27.413, 337.368

Protanomaly
53, 18.235, 308.834

Deuteranomaly
53, 17.220, 324.239

Tritanomaly
53, 21.133, 352.846

Monochromacy



Original Color
53, 27.413, 337.368

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 10.359, 334.211

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 27.413, 337.368 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(161, 111, 145)` looks like.

```
.text, #text, p{  
    color:rgb(161, 111, 145)  
}
```

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(161, 111, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 111, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 27.413, 337.368 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(161, 111, 145) }
```

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

```
.border{ border-color:rgb(161, 111, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 111, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 111, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 111, 145);  
box-shadow:4px 4px 4px 4px rgb(161, 111,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 27.413, 337.368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 111, 145) }
```

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

```
.background{ background-color: rgb(161,  
111, 145) }
```

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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