

Converting Colors

CIELCh(53, 33.619, 326.983)

Have a look what the booklet for
CIELCh(53, 33.619, 326.983)
contains.

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Color

CIELCh(53, 33.243, 327.226)

Conversions

Conversions Part 1

Format	Color
Hex	A06E9E
RGB	160, 110, 158
RGB Percent	63%, 43%, 62%
CMY	0.3731, 0.5691, 0.3809
CMYK	0.00, 0.31, 0.01, 0.37
HSL	302°, 21%, 53%
HSV	302°, 31%, 63%
XYZ	26.1903, 21.0462, 34.9671
YIQ	130.4220, 14.3920, 25.5280

Conversions

Conversions Part 2

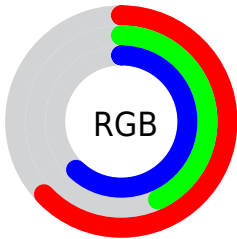
Format	Color
R _Y B	160, 110, 158
Decimal	10514078
CIE Lab	53.00, 27.95, -18.00
CIE LCh	53, 33.243, 327.226
Yxy	21.0462, 0.3186, 0.2560
Android (android.graphics.Color)	4288704158 (0xFFA06E9E)
YUV	130.4220, 13.5960, 25.9399
Hunter-Lab	45.8761, 21.6210, -13.0779

Details

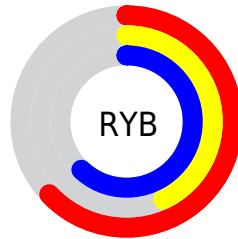
The CIELCh color $53, 33.243, 327.226$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $61, 33.242, 143.348$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 33.464, 326.831$, and $33, 33.648, 327.232$ is the 20% darker color. If you saturate the color by 10%, you get $49, 43.492, 327.751$, and if you desaturate by 10%, it is $57, 22.651, 326.681$.

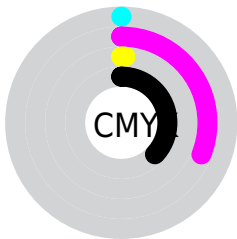
Distribution



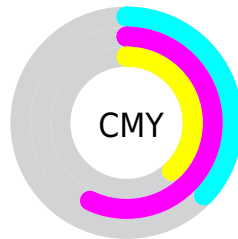
- Red (63%)
- Green (43%)
- Blue (62%)



- Red (63%)
- Yellow (43%)
- Blue (62%)



- Cyan (0%)
- Magenta (31%)
- Yellow (1%)
- Black (37%)





- Cyan (37%)
- Magenta (57%)
- Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 33.243, 327.226 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, 33.243, 327.226 by changing the saturation by 10% instead.


 53, 33.243,
327.226


 53, 33.243,
327.226


 100, 33.243,
327.226


 43, 33.243,
327.226


 73, 33.243,
327.226

 33, 33.243,
327.226

 83, 33.243,
327.226

 23, 33.243,
327.226

 93, 33.243,
327.226

 13, 33.243,
327.226

 3, 33.243, 327.226

 0, 33.243, 327.226

53, 33.243,
327.226

53, 33.243,
327.226

49, 43.492,
327.751

57, 22.651,
326.681

46, 53.087,
328.243

61, 11.962,
326.123

43, 61.640,
328.691

65, 1.345, 325.428

41, 68.744,
329.081

70, 9.090, 145.087

39, 74.044,
329.409

74, 19.275,
144.556

38, 77.349,
329.673

79, 29.172,
144.056

37, 79.023,
329.868

83, 38.767,
143.582

88, 48.058,
143.135

■ 92, 57.052,
142.714

Harmonies

Complementary

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



53, 33.243, 327.226



61, 33.242, 143.348

Rectangle

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



53, 33.243, 327.226



53, 33.243, 17.226



53, 33.243, 147.226



53, 33.243, 197.226

Sweetspot

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



53, 33.241, 327.226



78, 11.756, 326.004



48, 29.496, 295.053



41, 8.240, 326.083



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, 33.241, 327.226



64, 49.486, 327.619



52, 23.962, 348.462



31, 5.941, 326.008



33, 72.779, 329.852



1, 7.681, 325.786

Inverse Universe

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



53, 33.241, 327.226



64, 49.486, 327.619



62, 22.919, 162.575



31, 5.941, 326.008



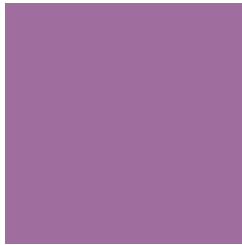
33, 72.779, 329.852



1, 7.681, 325.786

Previews

White Background



This preview shows how the CIELCh color 53, 33.243, 327.226 looks on a white background.

Color Contrast Check

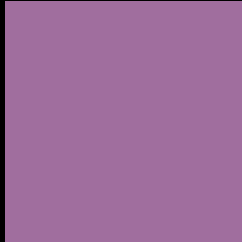
Large Text (above 18pt) WCAG AA ✓ Pass

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, 33.243, 327.226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

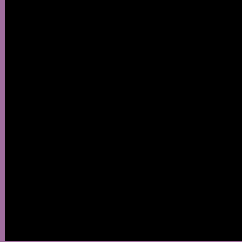
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 33.243, 327.226

Background



This preview shows how black text looks on a background with the CIELCh color 53, 33.243, 327.226.



This preview shows how white text looks on a background with the CIELCh color 53, 33.243, 327.226.

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, 33.243, 327.226

Protanopia

53, 25.566, 285.734

Deuteranopia

53, 17.972, 293.520



Tritanopia
53, 17.179, 4.040

Trichromacy



Original Color
53, 33.243, 327.226

Protanomaly
53, 27.125, 302.300

Deuteranomaly
53, 22.656, 310.621

Tritanomaly
53, 21.516, 344.164

Monochromacy



Original Color
53, 33.243, 327.226

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 12.107, 326.645

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 33.243, 327.226 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(160, 110, 158)` looks like.

```
.text, #text, p{  
    color:rgb(160, 110, 158)  
}
```

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(160, 110, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 110, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 33.243, 327.226 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(160, 110, 158) }
```

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

```
.border{ border-color:rgb(160, 110, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 110, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 110, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 110, 158);  
box-shadow:4px 4px 4px 4px rgb(160, 110,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 33.243, 327.226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 110, 158) }
```

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

```
.background{ background-color: rgb(160,  
110, 158) }
```

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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