

Converting Colors

CIELCh(53, 31.376, 326.119)

Have a look what the booklet for
CIELCh(53, 31.376, 326.119)
contains.

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Color

CIELCh(53, 31.552, 325.994)

Conversions

Conversions Part 1

Format	Color
Hex	9D6F9D
RGB	157, 111, 157
RGB Percent	62%, 44%, 62%
CMY	0.3834, 0.5639, 0.3835
CMYK	0.00, 0.29, 0.00, 0.38
HSL	300°, 19%, 53%
HSV	300°, 29%, 62%
XYZ	25.7592, 21.0462, 34.7005
YIQ	129.9980, 12.6500, 24.0580

Conversions

Conversions Part 2

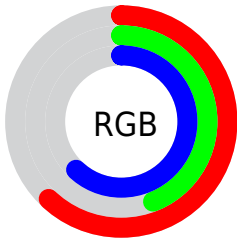
Format	Color
R _Y B	157, 111, 157
Decimal	10317725
CIE Lab	53.00, 26.16, -17.65
CIE LCh	53, 31.552, 325.994
Yxy	21.0462, 0.3160, 0.2582
Android (android.graphics.Color)	4288507805 (0xFF9D6F9D)
YUV	129.9980, 13.3120, 23.6808
Hunter-Lab	45.8761, 19.9435, -12.7334

Details

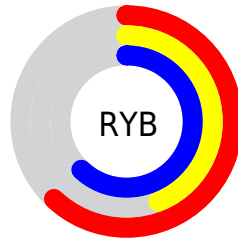
The CIELCh color `53, 31.552, 325.994` is a dark color, and the websafe version is hex `996699`. A complement of this color would be `61, 31.551, 142.465`, and the grayscale version is `54, 0.007, 296.813`.

A 20% lighter version of the original color is `73, 31.822, 325.695`, and `33, 31.968, 325.864` is the 20% darker color. If you saturate the color by 10%, you get `49, 42.024, 326.498`, and if you desaturate by 10%, it is `57, 20.785, 325.465`.

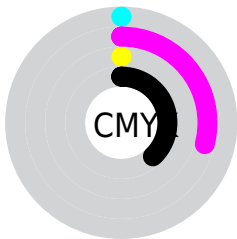
Distribution



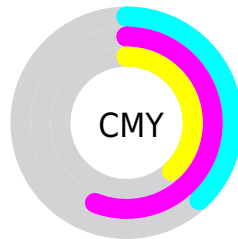
- Red (62%)
- Green (44%)
- Blue (62%)



- Red (62%)
- Yellow (44%)
- Blue (62%)



- Cyan (0%)
- Magenta (29%)
- Yellow (0%)
- Black (38%)





- Cyan (38%)
- Magenta (56%)
- Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 31.552, 325.994 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, 31.552, 325.994 by changing the saturation by 10% instead.


 53, 31.552,
325.994


 53, 31.552,
325.994


 100, 31.552,
325.994


 43, 31.552,
325.994


 73, 31.552,
325.994

 33, 31.552,
325.994

 83, 31.552,
325.994

 23, 31.552,
325.994

 93, 31.552,
325.994

 13, 31.552,
325.994

 3, 31.552, 325.994

 0, 31.552, 325.994

53, 31.552,
325.994

53, 31.552,
325.994

49, 42.024,
326.498

57, 20.785,
325.465

46, 51.906,
326.962

61, 9.957, 324.918

65, 0.776, 144.684

43, 60.824,
327.371

69, 11.308,
143.901

41, 68.380,
327.709

74, 21.576,
143.384

39, 74.211,
327.965

78, 31.548,
142.896

38, 78.099,
328.132


83, 41.208,
142.433

37, 80.359,
328.229

87, 50.557,
141.997

37, 80.515,

328.235

 92, 59.602,
141.588

Harmonies

Complementary

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



53, 31.552, 325.994



61, 31.551, 142.465

Rectangle

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



53, 31.552, 325.994



53, 31.552, 15.994



53, 31.552, 145.994



53, 31.552, 195.994

Sweetspot

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



53, 31.550, 325.994



77, 11.957, 324.913



49, 27.106, 293.663



40, 8.296, 324.989



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, 31.550, 325.994



65, 46.474, 326.321



52, 22.542, 346.292



31, 6.104, 324.917



34, 75.043, 328.235



1, 7.944, 324.441

Inverse Universe

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



53, 31.550, 325.994



65, 46.474, 326.321



61, 21.758, 161.014



31, 6.104, 324.917



34, 75.043, 328.235



1, 7.944, 324.441

Previews

White Background



This preview shows how the CIELCh color 53, 31.552, 325.994 looks on a white background.

Color Contrast Check

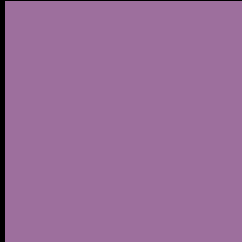
Large Text (above 18pt) WCAG AA ✓ Pass

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, 31.552, 325.994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

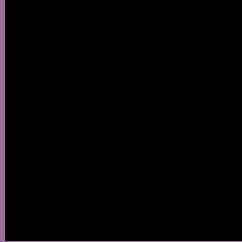
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 31.552, 325.994

Background



This preview shows how black text looks on a background with the CIELCh color 53, 31.552, 325.994.



This preview shows how white text looks on a background with the CIELCh color 53, 31.552, 325.994.

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, 31.552, 325.994

Protanopia
53, 24.430, 285.191

Deuteranopia
53, 17.972, 293.520



Tritanopia
53, 15.572, 1.926

Trichromacy



Original Color
53, 31.552, 325.994

Protanomaly
53, 25.281, 301.200

Deuteranomaly
53, 22.550, 309.712

Tritanomaly
53, 20.244, 343.201

Monochromacy



Original Color
53, 31.552, 325.994

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 11.886, 325.069

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 31.552, 325.994 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(157, 111, 157)` looks like.

```
.text, #text, p{  
    color:rgb(157, 111, 157)  
}
```

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(157, 111, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 111, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 31.552, 325.994 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(157, 111, 157) }
```

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

```
.border{ border-color:rgb(157, 111, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 111, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 111, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 111, 157);  
box-shadow:4px 4px 4px 4px rgb(157, 111,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 31.552, 325.994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 111, 157) }
```

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

```
.background{ background-color: rgb(157,  
111, 157) }
```

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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