

Converting Colors

CIELCh(51, 32.123, 329.118)

Have a look what the booklet for
CIELCh(51, 32.123, 329.118)
contains.

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Color

CIELCh(51, 32.089, 329.107)

Conversions

Conversions Part 1

Format	Color
Hex	9B6996
RGB	155, 105, 150
RGB Percent	61%, 41%, 59%
CMY	0.3922, 0.5883, 0.4118
CMYK	0.00, 0.32, 0.03, 0.39
HSL	306°, 20%, 51%
HSV	306°, 32%, 61%
XYZ	24.0684, 19.2686, 31.2984
YIQ	125.0800, 15.3550, 24.5950

Conversions

Conversions Part 2

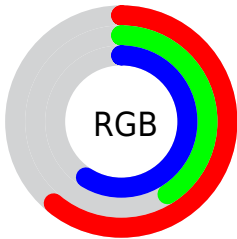
Format	Color
R_{YB}	155, 105, 150
Decimal	10185110
CIE _{Lab}	51.00, 27.54, -16.48
CIE _{LCh}	51, 32.089, 329.107
Yxy	19.2686, 0.3225, 0.2582
Android (android.graphics.Color)	4288375190 (0xFF9B6996)
YUV	125.0800, 12.2856, 26.2398
Hunter-Lab	43.8960, 21.0545, -11.5472

Details

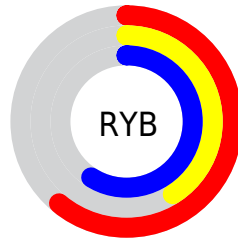
The CIELCh color **51, 32.089, 329.107** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **59, 32.063, 144.963**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 31.923, 329.153**, and **31, 31.740, 329.287** is the 20% darker color. If you saturate the color by 10%, you get **47, 41.655, 329.679**, and if you desaturate by 10%, it is **55, 22.184, 328.528**.

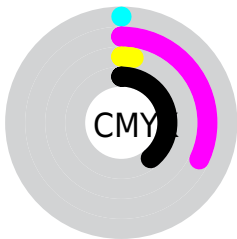
Distribution



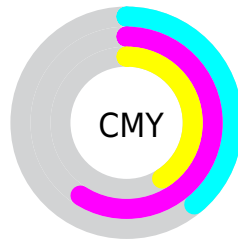
- Red (61%)
- Green (41%)
- Blue (59%)



- Red (61%)
- Yellow (41%)
- Blue (59%)



- Cyan (0%)
- Magenta (32%)
- Yellow (3%)
- Black (39%)





- Cyan (39%)
- Magenta (59%)
- Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 32.089, 329.107 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 51, 32.089, 329.107 by changing the saturation by 10% instead.


 51, 32.089,
329.107


 51, 32.089,
329.107


 100, 32.089,
329.107


 41, 32.089,
329.107


 71, 32.089,
329.107

 31, 32.089,
329.107

 81, 32.089,
329.107

 21, 32.089,
329.107

 91, 32.089,
329.107

 11, 32.089,
329.107

 1, 32.089, 329.107

 0, 32.089, 329.107

51, 32.089,
329.107

51, 32.089,
329.107

47, 41.655,
329.679

55, 22.184,
328.528

44, 50.581,
330.235

59, 12.179,
327.945

41, 58.490,
330.770

63, 2.234, 327.295

39, 64.982,
331.279

67, 7.546, 146.881

37, 69.711,
331.764

72, 17.095,
146.333

36, 72.493,
332.235

76, 26.380,
145.821

36, 73.742,
332.596

80, 35.385,
145.335

85, 44.111,
144.876

■ 89, 52.564,
144.443

Harmonies

Complementary

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



51, 32.089, 329.107



59, 32.063, 144.963

Rectangle

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



51, 32.089, 329.107



51, 32.089, 19.107



51, 32.089, 149.107



51, 32.089, 199.107

Sweetspot

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



51, 32.087, 329.107



76, 12.287, 327.824



47, 29.772, 297.349



40, 8.456, 327.901



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



51, 32.087, 329.107



62, 47.743, 329.537



50, 23.267, 352.713



30, 5.546, 327.766



32, 68.598, 332.554



1, 5.917, 327.590

Inverse Universe

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



51, 32.087, 329.107



62, 47.743, 329.537



60, 21.861, 166.314



30, 5.546, 327.766



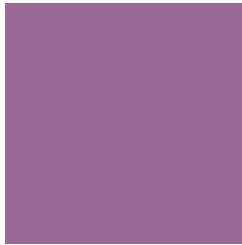
32, 68.598, 332.554



1, 5.917, 327.590

Previews

White Background



This preview shows how the CIELCh color 51, 32.089, 329.107 looks on a white background.

Color Contrast Check

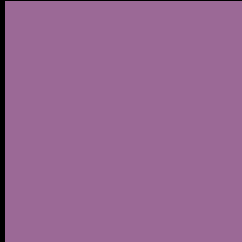
Large Text (above 18pt) WCAG AA ✓ Pass

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 51, 32.089, 329.107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

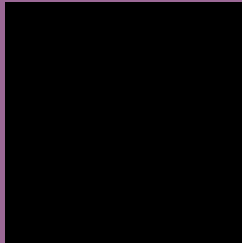
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 32.089, 329.107

Background



This preview shows how black text looks on a background with the CIELCh color 51, 32.089, 329.107.



This preview shows how white text looks on a background with the CIELCh color 51, 32.089, 329.107.

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

51, 32.089, 329.107

Protanopia

51, 23.994, 285.840

Deuteranopia

51, 16.375, 294.798



Tritanopia
51, 17.197, 6.011

Trichromacy



Original Color
51, 32.089, 329.107

Protanomaly
51, 24.998, 303.050

Deuteranomaly
51, 21.177, 312.093

Tritanomaly
51, 21.040, 346.845

Monochromacy



Original Color
51, 32.089, 329.107

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 11.730, 328.338

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 32.089, 329.107 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(155, 105, 150)` looks like.

```
.text, #text, p{  
    color:rgb(155, 105, 150)  
}
```

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(155, 105, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 105, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 32.089, 329.107 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(155, 105, 150) }
```

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

```
.border{ border-color:rgb(155, 105, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 105, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 105, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 105, 150);  
box-shadow:4px 4px 4px 4px rgb(155, 105,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 32.089, 329.107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 105, 150) }
```

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

```
.background{ background-color: rgb(155,  
105, 150) }
```

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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