

Converting Colors

CIELCh(51, 37.394, 330.817)

Have a look what the booklet for
CIELCh(51, 37.394, 330.817)
contains.

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Color

CIELCh(51, 37.445, 331.025)

Conversions

Conversions Part 1

Format	Color
Hex	A26599
RGB	162, 101, 153
RGB Percent	64%, 40%, 60%
CMY	0.3650, 0.6041, 0.4002
CMYK	0.00, 0.38, 0.06, 0.36
HSL	309°, 25%, 52%
HSV	309°, 38%, 64%
XYZ	25.2801, 19.2686, 32.4969
YIQ	125.1670, 19.6640, 29.1040

Conversions

Conversions Part 2

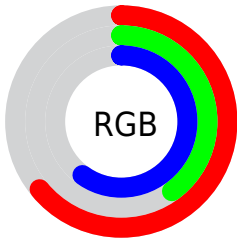
Format	Color
R_{YB}	162, 101, 153
Decimal	10642841
CIE _{Lab}	51.00, 32.76, -18.14
CIE _{LCh}	51, 37.445, 331.025
Yxy	19.2686, 0.3281, 0.2501
Android (android.graphics.Color)	4288832921 (0xFFA26599)
YUV	125.1670, 13.7217, 32.3025
Hunter-Lab	43.8960, 25.9816, -13.1661

Details

The CIELCh color $51, 37.445, 331.025$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $61, 37.404, 145.867$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 37.366, 331.331$, and $31, 37.500, 330.927$ is the 20% darker color. If you saturate the color by 10%, you get $47, 46.742, 331.648$, and if you desaturate by 10%, it is $55, 27.648, 330.405$.

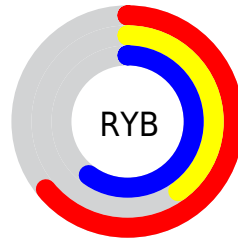
Distribution



Red (64%)

Green (40%)

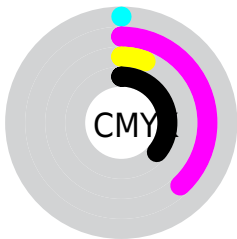
Blue (60%)



Red (64%)

Yellow (40%)

Blue (60%)

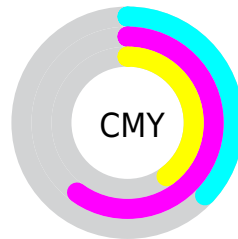


Cyan (0%)

Magenta (38%)

Yellow (6%)

Black (36%)



Cyan (37%)


Magenta (60%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 37.445, 331.025 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, 37.445, 331.025 by changing the saturation by 10% instead.


 51, 37.445,
331.025


 51, 37.445,
331.025


 100, 37.445,
331.025


 41, 37.445,
331.025


 71, 37.445,
331.025

 31, 37.445,
331.025

 81, 37.445,
331.025

 21, 37.445,
331.025

 91, 37.445,
331.025

 11, 37.445,
331.025

 1, 37.445, 331.025

 0, 37.445, 331.025

■ 51, 37.445,
331.025

■ 51, 37.445,
331.025

■ 47, 46.742,
331.648

■ 55, 27.648,
330.405

■ 44, 55.188,
332.271

■ 59, 17.638,
329.791

■ 42, 62.366,
332.896

■ 63, 7.613, 329.177

■ 39, 67.873,
333.529

■ 68, 2.290, 148.741

■ 38, 71.417,
334.187

■ 72, 11.989,
148.095

■ 37, 73.089,
334.886

■ 77, 21.436,
147.552

■ 37, 73.402,
335.050

■ 81, 30.607,
147.040

■ 86, 39.498,
146.556

■ 90, 48.111,
146.099

Harmonies

Complementary

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



51, 37.445, 331.025



61, 37.404, 145.867

Rectangle

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



51, 37.445, 331.025



51, 37.445, 21.025



51, 37.445, 151.025



51, 37.445, 201.025

Sweetspot

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



51, 37.443, 331.025



79, 13.618, 329.397



46, 36.465, 299.113



41, 9.230, 329.475



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



51, 37.443, 331.025



62, 55.052, 331.535



50, 27.810, 355.671



32, 5.661, 329.277



33, 67.881, 334.978



1, 8.517, 330.074

Inverse Universe

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



51, 37.443, 331.025



62, 55.052, 331.535



62, 25.560, 167.741



32, 5.661, 329.277



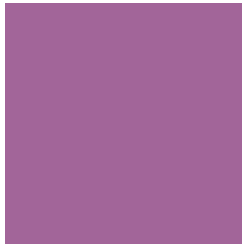
33, 67.881, 334.978



1, 8.517, 330.074

Previews

White Background



This preview shows how the CIELCh color 51, 37.445, 331.025 looks on a white background.

Color Contrast Check

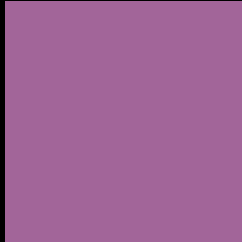
Large Text (above 18pt) WCAG AA ✓ Pass

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, 37.445, 331.025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

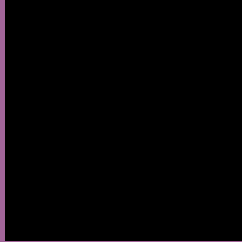
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 37.445, 331.025

Background



This preview shows how black text looks on a background with the CIELCh color 51, 37.445, 331.025.

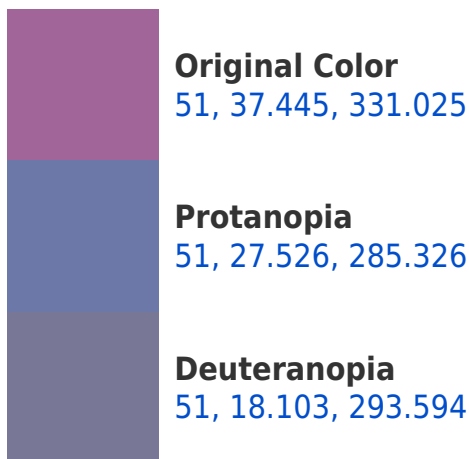


This preview shows how white text looks on a background with the CIELCh color 51, 37.445, 331.025.

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





Tritanopia
51, 21.066, 7.906

Trichromacy



Original Color
51, 37.445, 331.025

Protanomaly
51, 29.231, 304.022

Deuteranomaly
51, 24.422, 313.248

Tritanomaly
51, 25.878, 349.000

Monochromacy



Original Color
51, 37.445, 331.025

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 14.067, 329.305

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 37.445, 331.025 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(162, 101, 153)` looks like.

```
.text, #text, p{  
    color:rgb(162, 101, 153)  
}
```

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(162, 101, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 101, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 37.445, 331.025 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(162, 101, 153) }
```

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

```
.border{ border-color:rgb(162, 101, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 101, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 101, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 101, 153);  
box-shadow:4px 4px 4px 4px rgb(162, 101,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 37.445, 331.025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 101, 153) }
```

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

```
.background{ background-color: rgb(162,  
101, 153) }
```

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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