

Converting Colors

CIELCh(51, 27.694, 358.722)

Have a look what the booklet for
CIELCh(51, 27.694, 358.722)
contains.

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Color

CIELCh(51, 27.685, 358.708)

Conversions

Conversions Part 1

Format	Color
Hex	A5677B
RGB	165, 103, 123
RGB Percent	65%, 40%, 48%
CMY	0.3512, 0.5945, 0.5160
CMYK	0.00, 0.37, 0.25, 0.35
HSL	341°, 26%, 53%
HSV	341°, 37%, 65%
XYZ	24.1007, 19.2686, 21.3222
YIQ	123.8180, 30.5320, 19.3640

Conversions

Conversions Part 2

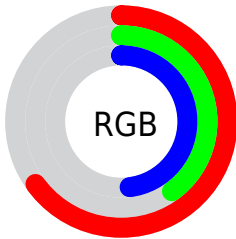
Format	Color
R_{YB}	165, 103, 123
Decimal	10839931
CIE Lab	51.00, 27.68, -0.62
CIE LCh	51, 27.685, 358.708
Yxy	19.2686, 0.3725, 0.2979
Android (android.graphics.Color)	4289030011 (0xFFA5677B)
YUV	123.8180, -0.4033, 36.1166
Hunter-Lab	43.8960, 21.1859, 1.9275

Details

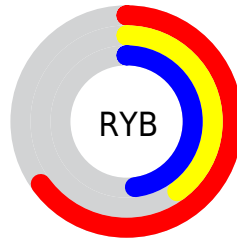
The CIELCh color $51, 27.685, 358.708$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $63, 25.023, 170.666$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 27.503, 359.054$, and $31, 27.672, 358.720$ is the 20% darker color. If you saturate the color by 10%, you get $47, 35.196, 0.394$, and if you desaturate by 10%, it is $55, 20.084, 357.307$.

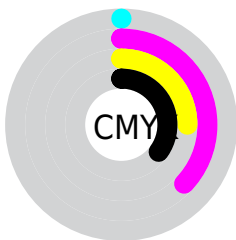
Distribution



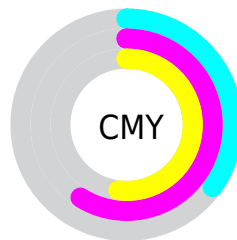
- Red (65%)
- Green (40%)
- Blue (48%)



- Red (65%)
- Yellow (40%)
- Blue (48%)



- Cyan (0%)
- Magenta (37%)
- Yellow (25%)
- Black (35%)





- Cyan (35%)
- Magenta (59%)
- Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 27.685, 358.708 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, 27.685, 358.708 by changing the saturation by 10% instead.


 51, 27.685,
358.708


 51, 27.685,
358.708


 100, 27.685,
358.708


 41, 27.685,
358.708


 71, 27.685,
358.708

 31, 27.685,
358.708

 81, 27.685,
358.708

 21, 27.685,
358.708

 91, 27.685,
358.708

 11, 27.685,
358.708

 1, 27.685, 358.708

 0, 27.685, 358.708

■ 51, 27.685,
358.708

■ 51, 27.685,
358.708

■ 47, 35.196, 0.394

■ 55, 20.084,
357.307

■ 43, 42.359, 2.460

■ 60, 12.582,
356.108

■ 40, 48.843, 5.042

■ 38, 54.320, 8.304

■ 64, 5.292, 355.037

■ 36, 58.587, 12.402

■ 69, 1.727, 174.450

■ 35, 61.820, 17.322


■ 74, 8.450, 173.461

■ 35, 62.652, 18.548

■ 79, 14.876,
172.720

■ 83, 21.016,
172.060

■ 88, 26.888,
171.461

 93, 32.514,
170.913

Harmonies

Complementary

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



51, 27.685, 358.708



63, 25.023, 170.666

Rectangle

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



51, 27.685, 358.708



51, 27.685, 48.708



51, 27.685, 178.708



51, 27.685, 228.708

Sweetspot

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



51, 27.683, 358.710



79, 9.652, 355.427



50, 39.062, 316.254



41, 6.489, 355.561



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, 27.683, 358.710



61, 41.148, 0.088



53, 23.636, 36.216



32, 3.963, 355.223



30, 56.814, 17.877



1, 5.965, 356.510

Inverse Universe

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



51, 27.683, 358.710



61, 41.148, 0.088



61, 18.076, 216.931



32, 3.963, 355.223



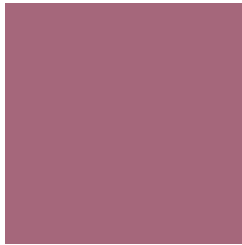
30, 56.814, 17.877



1, 5.965, 356.510

Previews

White Background



This preview shows how the CIELCh color 51, 27.685, 358.708 looks on a white background.

Color Contrast Check

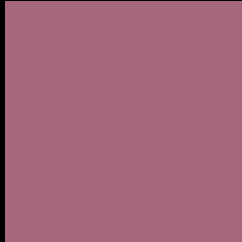
Large Text (above 18pt) WCAG AA ✓ Pass

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, 27.685, 358.708 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, 27.685, 358.708

Background



This preview shows how black text looks on a background with the CIELCh color 51, 27.685, 358.708.



This preview shows how white text looks on a background with the CIELCh color 51, 27.685, 358.708.

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, 27.685, 358.708

Protanopia

51, 7.582, 288.254

Deuteranopia

51, 6.758, 5.241



Tritanopia
51, 25.307, 12.308

Trichromacy



Original Color
51, 27.685, 358.708

Protanomaly
51, 12.393, 336.108

Deuteranomaly
51, 14.101, 359.482

Tritanomaly
51, 26.414, 6.590

Monochromacy



Original Color
51, 27.685, 358.708

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 9.820, 356.186

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 27.685, 358.708 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(165, 103, 123)` looks like.

```
.text, #text, p{  
    color:rgb(165, 103, 123)  
}
```

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(165, 103, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 103, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 27.685, 358.708 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(165, 103, 123) }
```

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

```
.border{ border-color:rgb(165, 103, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 103, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 103, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 103, 123);  
box-shadow:4px 4px 4px 4px rgb(165, 103,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 27.685, 358.708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 103, 123) }
```

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

```
.background{ background-color: rgb(165,  
103, 123) }
```

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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